

HKP

REG. U. S. PAT. OFF.

P O R T E R  
C U T T E R S







# P O R T E R C U T T E R S

## HKP

TRADE MARK REG. U. S. PAT. OFF.

Since the founding of this company in 1880, every tool bearing the Porter name has been produced on a standard of complete quality—in material, in design, in workmanship. This standard allows no "seconds" or nameless products. Every Porter tool is guaranteed against defects, without time limit, in workmanship and material and bears the Porter name or may be identified by the initials: HKP.

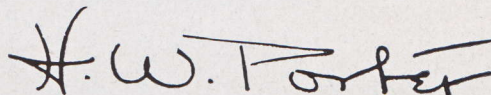
During our many years of service, Porter tools have become known and preferred in all parts of the world. Porter tools were originally manufactured for the carriage trade, and so useful and efficient was the Porter leverage principle demonstrated by these early tools, that various forms of Porter Cutters are now serving a wide range of industry.

Progressive in aim, our tool design and our manufacturing methods have kept abreast and even ahead of the demands of the times. Porter tools are designed to give the best combination of theoretical principles and practical advantages—not only laboratory tested but field tested again and again in continuous effort to provide "the best possible tool for the job." Improvements in design and materials are constantly being made on the entire Porter line.

In materials, only the best and most suitable are selected. Every dimension is held to precision measurement and all parts are fully interchangeable. Every tool is designed to give a minimum friction loss of power. Every tool is individually tested by making an actual cut in excess of its rated capacity. These rigid production standards assure the purchaser that he is getting the best the market has to offer—the greatest possible value in long, satisfying service.

We believe that the convenient form of this catalog and its comprehensive covering of important details will readily give all the information needed for intelligent selection of Porter Tools. Choose any and every tool with confidence that it is a perfect example of Porter quality—quality first and last.

H. K. PORTER, INC.



PRESIDENT

CATALOG NO. 303C



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TRADE MARK REG. U. S. PAT. OFF.

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## PORTER TWO-HAND METAL CUTTING TOOLS

Porter metal cutting tools are designed in such practical and handy form that there are few branches of industry in which they are not useful. In addition to the fine materials, the correct design, and the accurate dimensions of each tool, the main advantage is the Porter leverage principle by which hand-power applied at the handles is multiplied to tremendous proportions at the cutting edge. This power multiplication is simply diagrammed thus:

■ POWER APPLIED ON THE HANDLES OF THE TOOL

POWER AT CUTTING EDGE

POWER AT CUTTING EDGE OF ORDINARY SINGLE LEVER TOOLS

Design features of Porter metal cutting tools include the following advantages, many of them exclusive. The cutting heads are simplified in design making parts replacement easy. They are stronger, having heat-treated straps accurately ground for proper bearing. The bolts are heat-treated, and the whole assembly is firm with a simplified lock plate which prevents loosening or tightening. The adjusting sections take up the wear of the cutting edges; this original Porter feature is essential in providing a long lived and economical tool. A heat-treated bushing surrounds the pivot bolt to prevent stretched or worn pivot hole. Bolts having any tendency to work loose are locked by patented washers. The cutting edges have the correct bevel and the proper temper. (See Page 5 on "How to Choose the Right Temper.") The cutting jaws are of selected tool steel, drop-forged and scientifically heat-treated. In manufacture, over 100 operations guarantee minimum friction and exact fit.

## SELECTING THE PROPER TOOL

This catalog has been planned to make easy the choosing of the right tool for the job. Selection of a tool according to the work it is to be called upon to do, and according to the hardness of the materials to be cut, is covered on Pages 4 and 5. These pages should be consulted where there is any question of choice. Otherwise, when the name of the tool or the type of work it is designed to do is ascertained from the index and the page devoted to that tool is found, it will be noted that tables on the page give full information regarding the capacity of the tool, length of handles, weight and other pertinent facts. No tool should ever be used beyond its rated capacity, nor heavy cutting done at the outer limits of the jaw openings. True economy in the use of cutting tools lies in the selection of a tool with ample capacity for the work to be done and in the intelligent use of the tool on the job.

The main tables list the complete tools, cutter heads and cutter jaws. For all other parts refer to the diagrams on special pages as designated at the bottom of each page describing a particular tool.

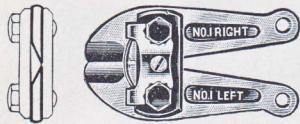
**BOLT CUTTERS • WIRE CUTTERS • CHAIN CUTTERS • NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS • SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



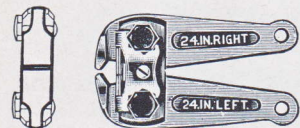
## HOW TO CHOOSE THE RIGHT TYPE

### CLOSE-CUTTING TOOLS FOR METAL

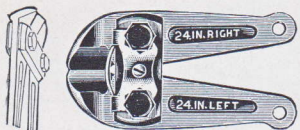
Tools in this group are designed for close cutting, such as bolt clipping and cutting of form wires. For general, all-around use select tools from this group.



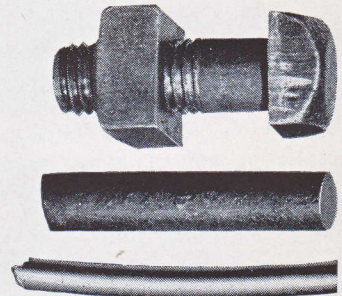
**CLIPPER CUT:** Cutting edge in line with the handles and beveled almost entirely from one side. Available in *Rigid* and *Swivel Head* tools. See Pages 6 and 8.



**END CUT:** Cutting edge at right angle to handles and practically flush with end. Available in *Rigid* and one size of *Swivel Head* tools. See Page 10.



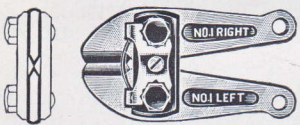
**ANGULAR CUT:** Same as Clipper Cut tool except cutting edges are at a 30° angle from the axis of the tool. Available in *Rigid* and one size of *Swivel Head* tools. See Page 10.



For non-ferrous metals, wrought iron, annealed bolts, soft steel, cold-drawn screw stock, machinery steel, annealed tool steel and stainless iron. For Insulated Wire. See Pages 14 & 15.

### FREE CUTTING TOOLS FOR METAL

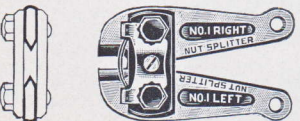
Tools in this group are suitable where close cutting is not necessary and in addition for special purpose work such as nut-splitting and cutting flat bar stock and wire rope.



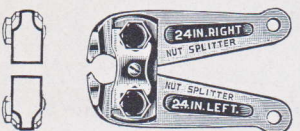
**CENTER CUT:** The cutting edges have equal bevels and are in line with handles. Specify *Center Cut Round Edge* for spring wire and reinforcing rods. Available in *Rigid* and *Swivel Head* tools. See Pages 7 and 9.



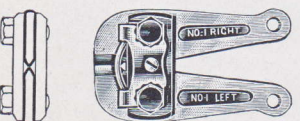
**SHEAR CUTTER:** Jaws pass each other, making complete shear cut. Not recommended for round bar stock. Available in *Rigid* style only. See Page 12.



**SIDE NUT SPLITTER:** The splitting edges have equal bevels and are in line with handles. Available in *Rigid* and *Swivel Head* tools. See Page 11.



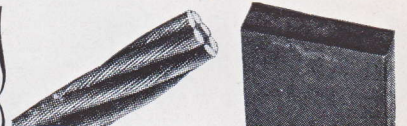
**END NUT SPLITTER:** Splitting edges practically flush with end and at right angles to handles. Available in *Rigid* and one size of *Swivel Head* tools. See Page 11.



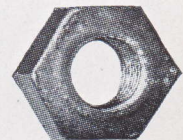
**CHAIN CUTTER:** The cutting edges have a short cutting edge with equal bevels. Specify whether for soft or case-hardened chain. Available in *Rigid* and *Swivel Head* tools. See Page 19.



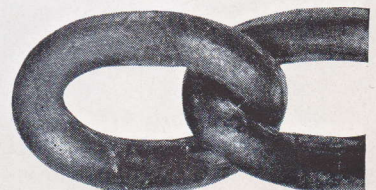
For unannealed tool steel, alloy steel bolts, cold-drawn spring wire, reinforcing rods, etc. use round edge jaws. See Page 5



For flat strip and bars, light wire rope and cable.



For all nuts up to capacity. These tools cannot be used for clipping bolts or cutting rods or other materials since cutting edges do not meet—so designed to prevent damage to bolt.



For all types of chain. Specify whether for hard or soft.

For Pruners and Foresters See Pages 24 to 30.

For Special Tools See Pages 31 to 34.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



## HOW TO CHOOSE THE RIGHT TEMPER

In the table below we have listed tools in various groups according to the hardness of the materials which they are designed to cut. Under each tool group, you will find lists of material, together with information as to hardness of that material. A large percentage of all tool sales are in the first group, and in this group fall all of our general purpose tools.

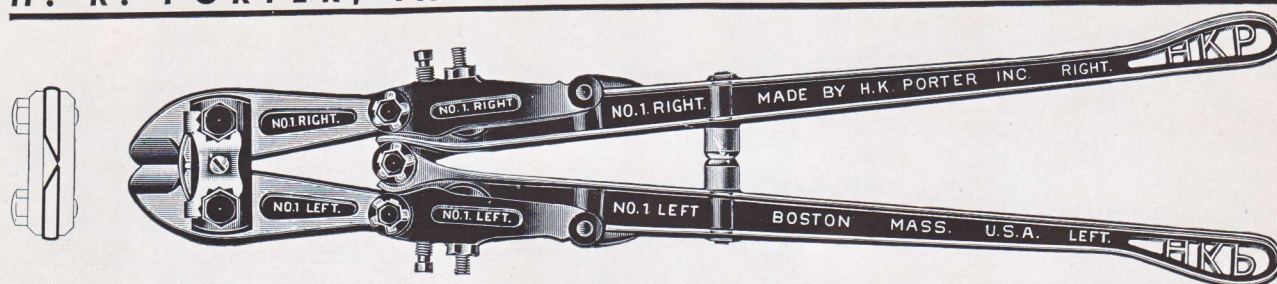
It is important, however, to consider this table in order to intelligently select the proper type and temper for specific work. It would be ideal if we could make all tools in one standard temper. It is not, however, possible to do this because of the fact that certain types of work require a keen, tough edge, where other types require an extremely hard, blunt edge, which would not be at all suited for general purpose work.

As every tool user knows, the performance and the useful life of a tool depend upon the correctness of its temper. The heat-treating department of Porter manufacturing has therefore been developed to the greatest degree of efficiency. Modern equipment, methods and tests enable us to arrive at and maintain the best formulas and processes for turning out correctly tempered tools for each type of work.

TYPE OF JAW AVAILABLE	Maximum Brinell Hardness of Material Safely Cut	Kind of Material	Approximate Brinell Hardness Range of Material
Clipper Cut End Cut Angular Cut	200	Non-ferrous metals, aluminum, brass, bronze, copper, etc.	
		Wrought Iron . . . . .	110-140
		Annealed Bolts . . . . .	120-140
		Soft Steel Bolts, Rivets, Rods, etc. . . . .	130-150
		Cold drawn screw stock . . . . .	150-160
		Machinery steel . . . . .	160-180
Special Temper No. 1	250	Annealed Tool Steel . . . . .	160-190
		Heat Treated Carbon Steel Bolts (not case hardened) . . . . .	200-250
		Unannealed Carbon Tool Steel . . . . .	220-250
		Wire Wheel Spokes . . . . .	200-250
Special Temper No. 2	300	Alloy Steel Bolts . . . . .	250-300
Center Cut	300	Cold drawn spring wire . . . . .	250-300
Soft Chain Cutter	300	Stranded Guy Wire . . . . .	150-300
Center Cut with Rounded Edge	400	Chain except Case Hardened . . . . .	150-300
		<b>Concrete Reinforcing Rods</b>	
		Chrome Ball Wire . . . . .	250-350
		Cold Drawn Alloy Wire . . . . .	250-350
		Stainless Steel Heat Treated . . . . .	275-350
Shear Cutter	400	Tempered Spring Wire (up to 400 Brinell) . . . . .	350-400
		Flat Steel Bars . . . . .	150-300
Case Hardened Chain Cutter	Hardened and tempered up to 500 Brinell. Case Hardened any Hardness.	Wire Rope . . . . .	150-300
		Tempered Spring Wire (up to 500 Brinell) . . . . .	350-500
		Case Hardened Chain . . . . .	500-700
Side Nut Splitter End Nut Splitter	200	Case Hardened Bolts and Screws . . . . .	500-700
		Hot pressed nuts . . . . .	130-150
		Cold punched nuts . . . . .	150-180
Note: Standard capacities are given in all tables for soft steel. When harder materials are to be cut, oversize tools are required in the type and hardness recommended by the table above.			

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



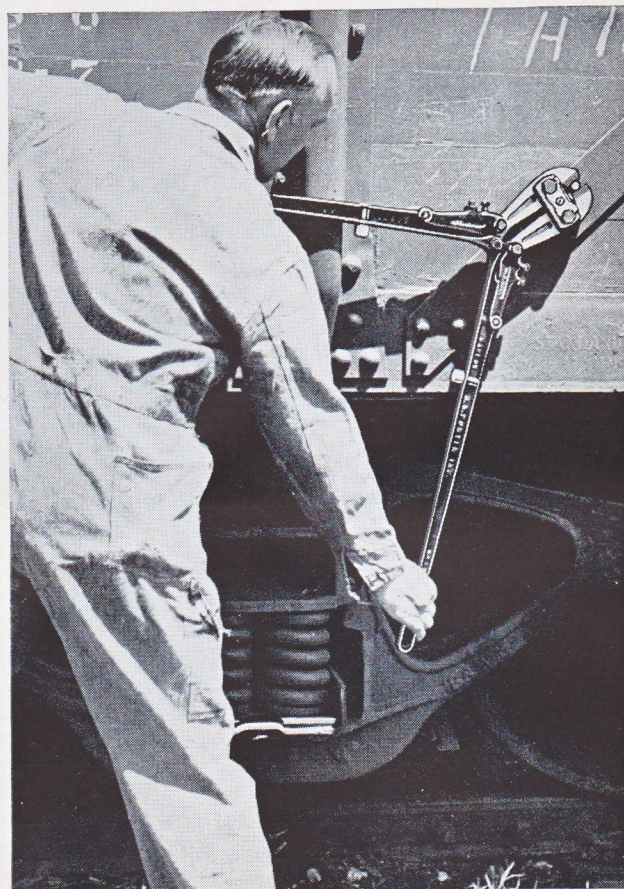


## RIGID CUTTER — CLIPPER CUT STYLE

This tool is the most commonly used of all the various types in the Porter metal-cutting line.

Clipper Cut tools are designed for close cutting, such as clipping of bolts, and are generally specified where a tool is required for all-around work in softer metals. The illustrations above plainly show the bevel construction of this tool. The cutting edge makes it possible to cut the projecting end of a bolt or screw flush to the surface from which it projects. Blacksmiths, body builders, millwrights and maintenance men find this tool suitable because of its general all-around utility.

This type of cutter is designed and tempered to cut wrought iron, annealed bolts, soft steel bolts, rods, rivets, cold-drawn screw stock, machinery steel, annealed tool steel, stainless steel annealed, non-ferrous metals—aluminum, brass, bronze, copper. It is not recommended for reinforcing rod, tempered wire, cold-drawn alloy bars, or hardened materials of any kind. See Table on Page 5.



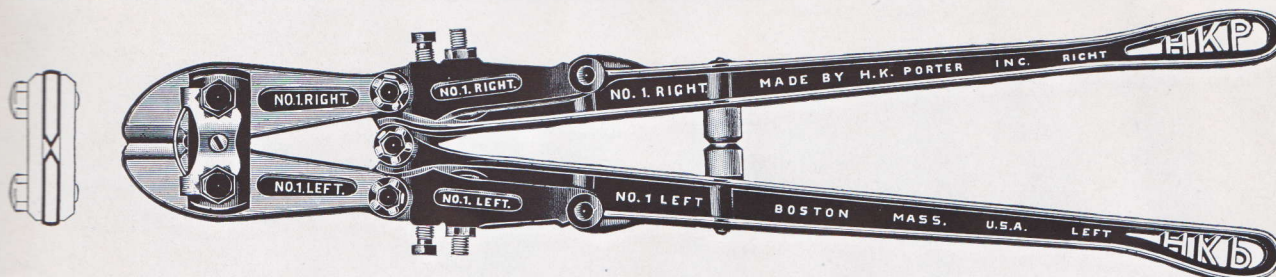
### RIGID CLIPPER CUTTER

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS	CAPACITIES		APPROX. WEIGHT IN POUNDS
					ANNEALED BOLTS IN THREAD	SOFT RODS	
10 OK	10"	\$ 4.00	\$2.50	\$2.00	3/16"	1/8"	1 1/2
14 OK	14"	4.50	2.80	2.20	1/4"	3/16"	2 1/4
0 NE	18"	5.50	3.20	2.50	5/16"	1/4"	3 1/4
1 NE	24"	7.00	4.00	3.20	3/8"	5/16"	5 1/4
2 NE	30"	8.75	4.90	4.00	1/2"	3/8"	8 1/2
3 NE	36"	11.25	6.00	5.00	5/8"	1/2"	12 1/2
4 AR	42"	15.50	8.00	6.80	3/4"	5/8"	17 3/4

For Parts of Tools Nos. 10 & 14 See Page 22. For Nos. 0-1-2-3 Page 21. For No. 4 Page 22.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



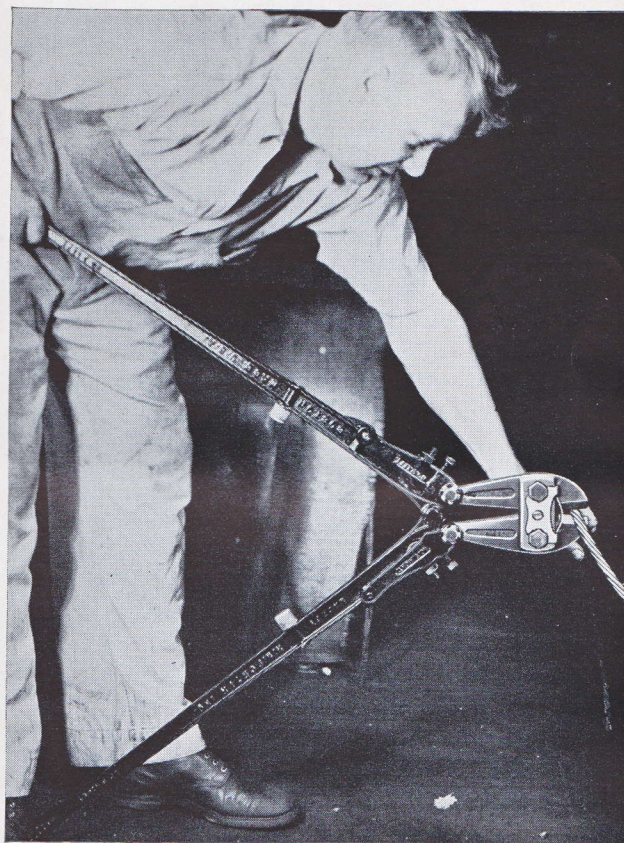


## RIGID CUTTER — CENTER CUT STYLE

This tool is recommended in all cases where close cutting is not a requirement. The illustrations above show that the cutting edge is in the middle of the blade between two equal bevels, and that it is not suited for flush cutting. This design gives greater support to the cutting edge, resulting in maximum durability.

It is commonly used in steel mills for cutting rods and wire. Cutting edges are somewhat harder than the Clipper Cut type, and are suitable for cutting materials up to 300 Brinell hardness. It is also extensively used by telephone and power companies for cutting both 16000 and 25000 lb. stranded guy wire. Here the requirement is not for close cutting, but for strength to cut the toughest known kinds of steel.

Generally recommended for cutting alloy steel cold-drawn spring wire and stranded guy wire. CENTER CUT TOOLS ARE ALWAYS RECOMMENDED WHERE CLOSE CUTS ARE NOT A REQUIREMENT.



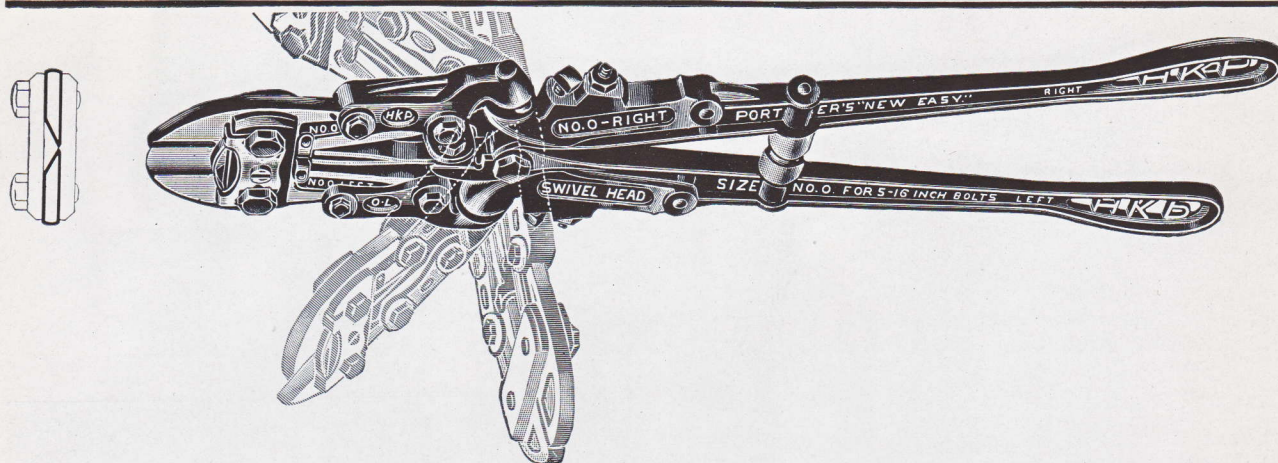
### RIGID CENTER CUTTER

TOOL DESIG- NATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER- HEAD	LIST PAIR OF JAWS	CAPACITIES			APPROX WEIGHT IN POUNDS
					ANNEALED BOLTS IN THREAD	SOFT RODS	CONCRETE RODS (WITH ROUNDED EDGE JAWS)	
10 OK-CC	10"	\$ 4.25	\$2.70	\$2.20	3/16"	1/8"	—	1 1/2
14 OK-CC	14"	4.75	3.00	2.40	1/4"	3/16"	3/16"	2 1/4
0 NE-CC	18"	5.75	3.40	2.70	5/16"	1/4"	1/4"	3 1/4
1 NE-CC	24"	7.25	4.30	3.50	3/8"	5/16"	5/16"	5 1/4
2 NE-CC	30"	9.00	5.30	4.40	1/2"	3/8"	3/8"	8 1/2
3 NE-CC	36"	11.75	6.50	5.50	5/8"	1/2"	7/16"	12 1/2
4 AR-CC	42"	16.50	9.00	7.80	3/4"	5/8"	1/2"	17 3/4

For Parts of Tools Nos. 10 & 14 See Page 22. For Nos. 0-1-2-3 Page 21. For No. 4 Page 22.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



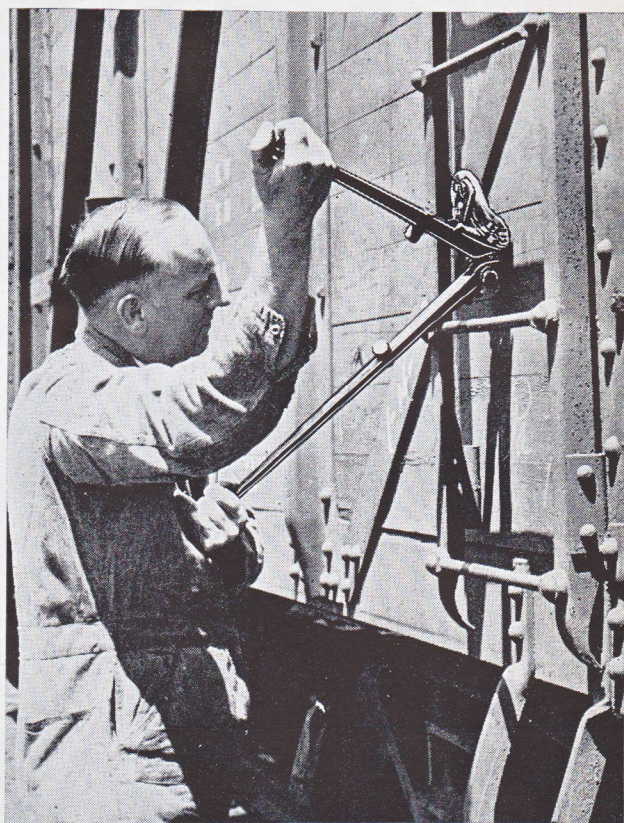


## SWIVEL CUTTERS—CLIPPER CUT STYLE

This tool is the Swivel variation of the Clipper Cut tool listed on Page 6. The jaws are identical in type and temper.

This tool is recommended for the same close cutting requirements, but also has the added utility of the 180° arc patented "wrist action" Swivel construction, which enables the worker to use the tool in places inaccessible to the conventional type. Often a rigid tool can be applied to a cut where, nevertheless, it is awkward to apply sufficient pressure to complete the operation. With the Swivel tool, the handles may be swiveled into any position where the proper pressure can be applied without causing the operator to be off balance. The added safety and convenience of the Swivel cutter make it the best all round bolt clipper to buy.

This Swivel cutter is recommended for mill-wright work, electrical work, body building, automobile service work, and industrial and household furnace repair work. Equipped with the standard temper jaws, this cutter may be used for cutting the same materials as those listed in the description of the Rigid Clipper Cut tool on Page 6.



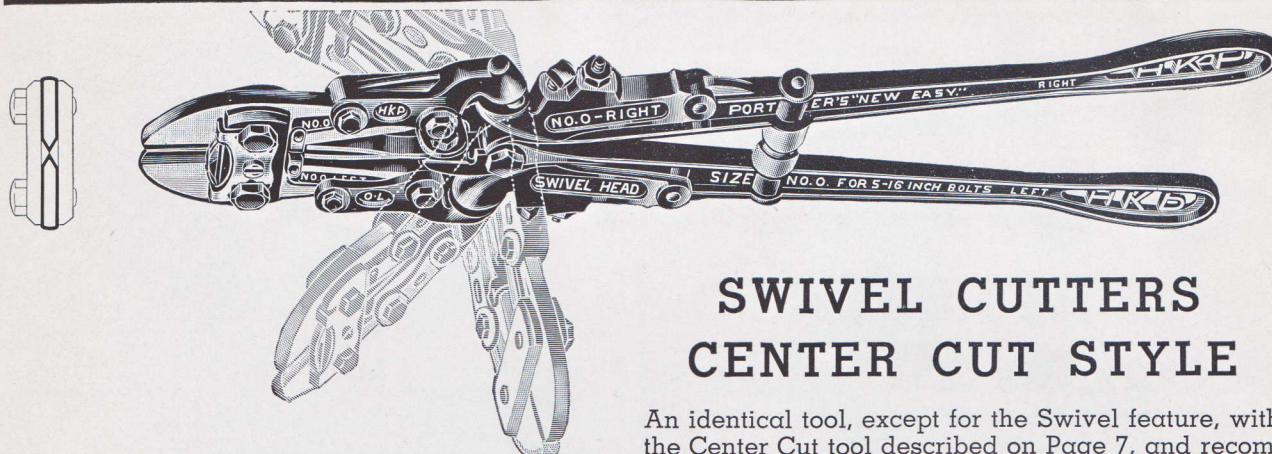
### SWIVEL CLIPPER CUTTER

TOOL DESIG- NATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER- HEAD	LIST PAIR OF JAWS	CAPACITIES		APPROX. WEIGHT IN POUNDS
					ANNEALED BOLTS IN THREAD	SOFT RODS	
0 SH	19"	\$ 7.75	\$3.20	\$2.50	5/16"	1/4"	4
1 SH	25"	9.50	4.00	3.20	3/8"	5/16"	6 1/4
2 SH	31"	11.75	4.90	4.00	1/2"	3/8"	9 3/4

For Parts See Page 21.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**





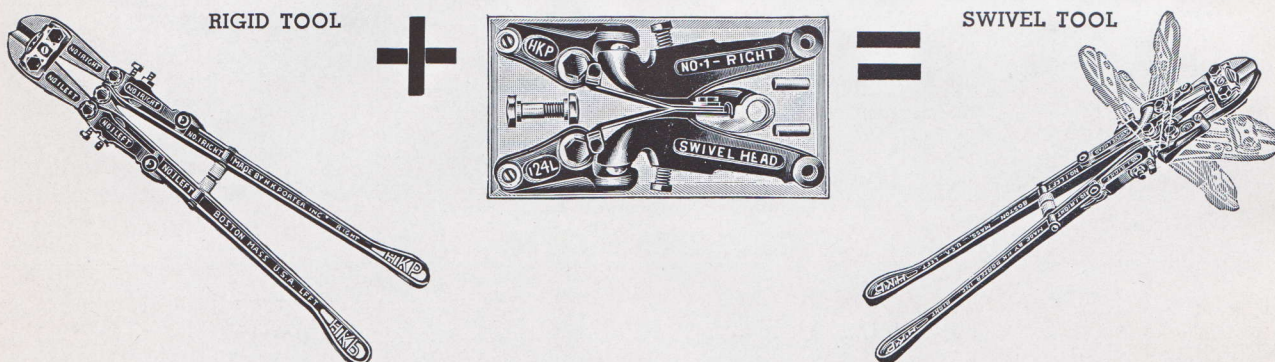
## SWIVEL CUTTERS CENTER CUT STYLE

An identical tool, except for the Swivel feature, with the Center Cut tool described on Page 7, and recommended for the same type of work. The Swivel action permits ready application of full operating pressure in close quarters. Recommended for building construction.

### SWIVEL CENTER CUTTER

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS	CAPACITIES			APPROX. WEIGHT IN POUNDS
					ANNEALED BOLTS IN THREAD	SOFT RODS	CONCRETE RODS (WITH ROUNDED EDGE JAWS)	
0 SH-CC	19"	\$ 8.00	\$3.40	\$2.70	5/16"	1/4"	1/4"	4
1 SH-CC	25"	9.75	4.30	3.50	3/8"	5/16"	5/16"	6 1/4
2 SH-CC	31"	12.00	5.30	4.40	1/2"	3/8"	3/8"	9 3/4

For Parts See Page 21.



## SWIVEL CONVERSION KIT

This kit is designed for converting Rigid Cutters into the Swivel type—with the consequent advantages. It should be used only in converting tools which are in first class condition—particularly the cutting head. Full directions are contained in the kit and any practical person may easily make the change. The kit is available only for the three sizes of tools listed below.

### SWIVEL CONVERSION KIT

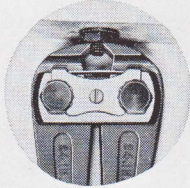
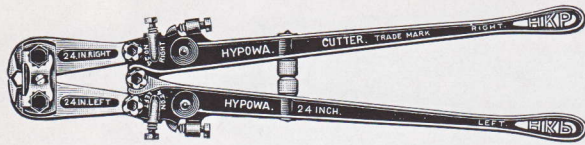
SWIVEL CONVERSION KIT FOR TOOL NUMBER	LIST PRICE COMPLETE	APPROX. WEIGHT IN POUNDS
0	\$3.50	1 1/2
1	4.00	2
2	4.50	3

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



# PORTER HKP CUTTERS

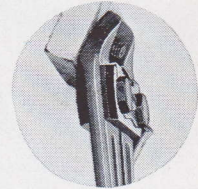
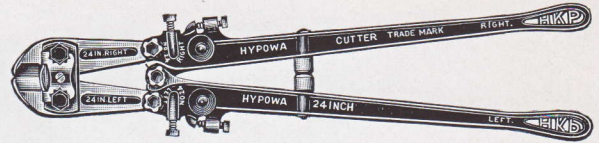
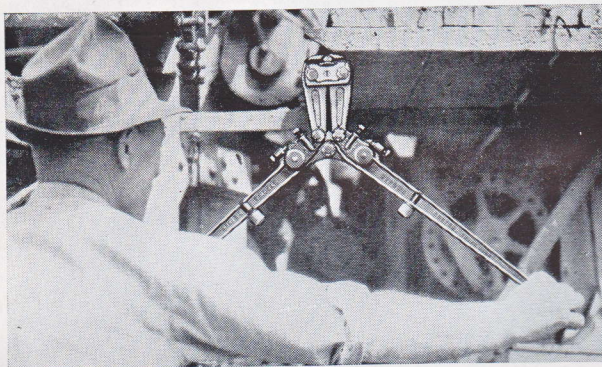
H. K. PORTER, INC. TRADE MARK REG. U. S. PAT. OFF. EVERETT, MASS., U. S. A.



## END CUTTER

Rigid and Swivel Types

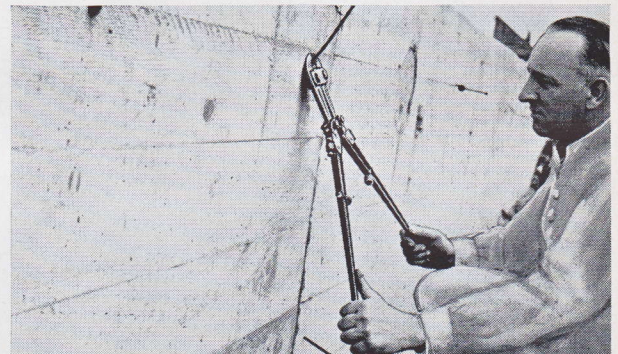
This tool has nipper type jaws and does its cutting "head on" and in a convenient position for cutting overhead and on the floor. It is commonly used for cutting form wires after form boards have been removed, in ship building for cutting bolt ends, for automobile and body work or in small recesses. Swivel type only in No. 24 SH-E.



## ANGULAR CUTTER

Rigid and Swivel Types

This tool has its cutting edges offset 30° which enables the operator to cut flush with adjacent surface without interference of head assembly straps on cutting head. Available, on request and at special price, with special flush jaws for very close work. This cutter commonly used for form wires after the form boards have been removed. Swivel type only in No. 24 SH-A.



### RIGID END CUTTER

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS	CAPACITIES		APPROX. WEIGHT IN POUNDS
					ANNEALED BOLTS IN THREAD	SOFT RODS	
14 E	14"	\$ 5.25	\$3.60	\$3.00	1/4"	3/16"	2 1/4
24 E	24"	8.25	5.30	4.50	3/8"	5/16"	5 1/2
36 E	36"	13.50	8.30	7.30	5/8"	1/2"	13

### SWIVEL END CUTTER

24 SH-E	25"	10.75	5.30	4.50	3/8"	5/16"	6 1/2
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### RIGID ANGULAR CUTTER

14 A	14"	5.25	3.60	3.00	1/4"	3/16"	2 1/4
24 A	24"	8.25	5.30	4.50	3/8"	5/16"	5 3/4
36 A	36"	13.50	8.30	7.30	5/8"	1/2"	13

### SWIVEL ANGULAR CUTTER

24 SH-A	25"	10.75	5.30	4.50	3/8"	5/16"	6 3/4
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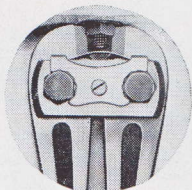
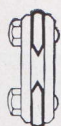
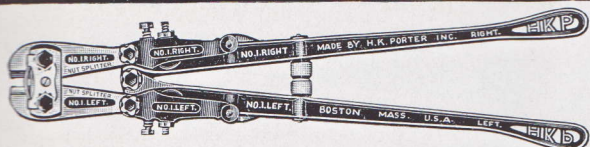
For Rigid Parts See Page 22. For Swivel Parts See Page 21. No. 1 Size.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



# PORTER HKP CUTTERS

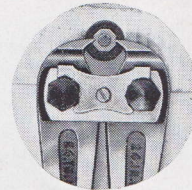
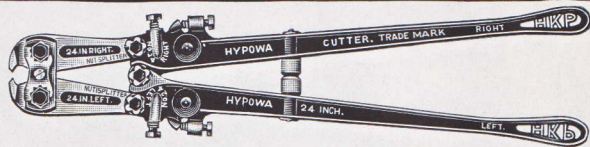
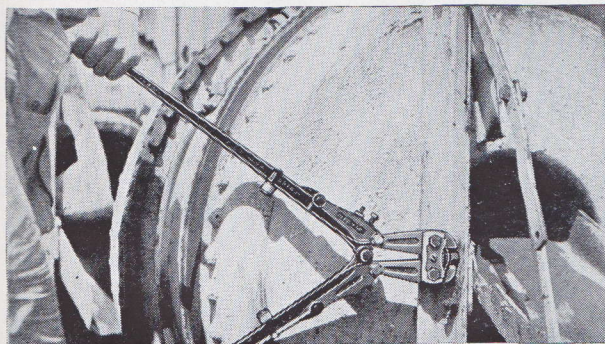
H. K. PORTER, INC. TRADE MARK REG. U. S. PAT. OFF. EVERETT, MASS., U. S. A.



## SIDE NUT SPLITTER

Rigid and Swivel Types

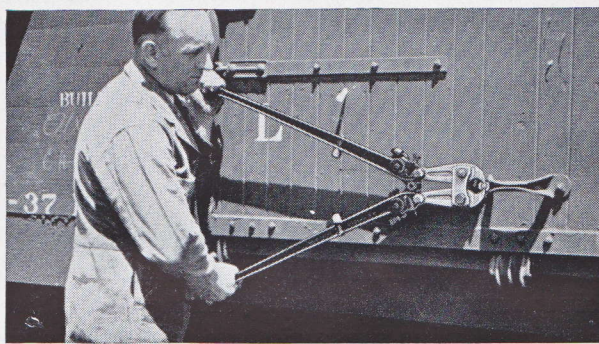
A special tool designed solely for nut splitting, the cutting edges remaining separated sufficiently, after the cut, to avoid damage to the bolt. Adjustable for two sizes under maximum capacity. Useful in dismantling and for heating contract work.



## END NUT SPLITTER

Rigid and Swivel Types

A tool similar in performance and purpose to the Side Nut Splitter, but cutting from a position at right angles to the bolt axis. Useful in body shops, junk yards, or where nuts and bolts have been subject to heat and corrosion.



### RIGID SIDE NUT SPLITTER

TOOL DESIG- NATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER- HEAD	LIST PAIR OF JAWS	TO SPLIT NUT OF BOLT		APPROX. WEIGHT IN POUNDS
					RATED CAPACITY	ADJUSTABLE TO	
14 SS	14"	\$ 5.25	\$3.40	\$2.80	1/4"	3/16" & 1/8"	2 1/4
0 SS	18"	6.25	3.90	3.20	5/16"	1/4" & 3/16"	3 1/4
1 SS	24"	7.75	4.90	4.10	3/8"	5/16" & 1/4"	5
2 SS	30"	9.50	6.00	5.10	1/2"	7/16" & 3/8"	8 1/4
3 SS	36"	12.50	7.30	6.30	5/8"	9/16" & 1/2"	12 1/4
4 SS	42"	17.50	9.90	8.70	3/4"	11/16" & 5/8"	17 1/4

### SWIVEL SIDE NUT SPLITTER

0 SH-SS	19"	8.50	3.90	3.20	5/16"	1/4" & 3/16"	4
1 SH-SS	25"	10.25	4.90	4.10	3/8"	5/16" & 1/4"	6
2 SH-SS	31"	12.50	6.00	5.10	1/2"	7/16" & 3/8"	9 3/4

### RIGID END NUT SPLITTER

14 N	14"	5.50	3.80	3.20	1/4"	3/16" & 1/8"	2 1/4
24 N	24"	8.50	5.60	4.80	3/8"	5/16" & 1/4"	5 1/2
36 N	36"	14.25	8.70	7.70	5/8"	9/16" & 1/2"	13

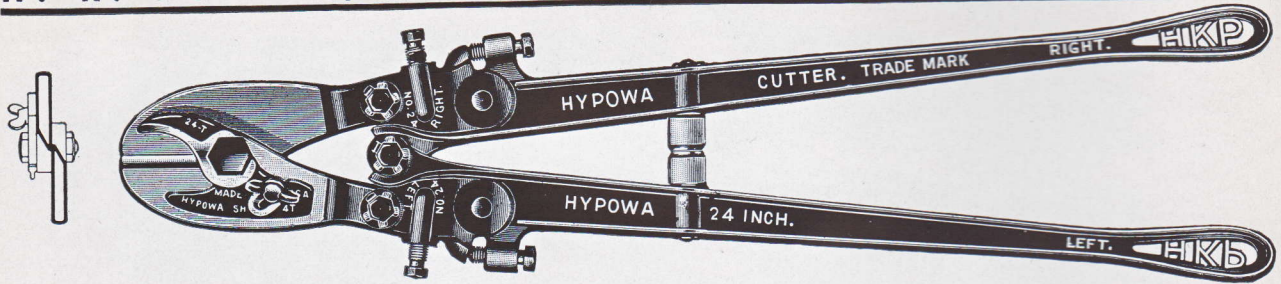
### SWIVEL END NUT SPLITTER

24 SH-N	25"	11.25	5.60	4.80	3/8"	5/16" & 1/4"	6 1/2
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For Parts of Tools Nos. 14-24-36 See Page 22. For Nos. 0-1-2-3 Page 21. For No. 4 Page 22.

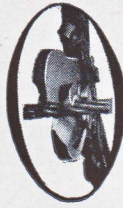
**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**





## SHEAR CUTTER

This type of cutter is designed specifically for cutting wire rope, strip or flat bar stock. The blades pass each other in true shearing manner and are, therefore, capable of cutting stranded cables or flat bars with surprising ease without crushing action and with very little deformation.

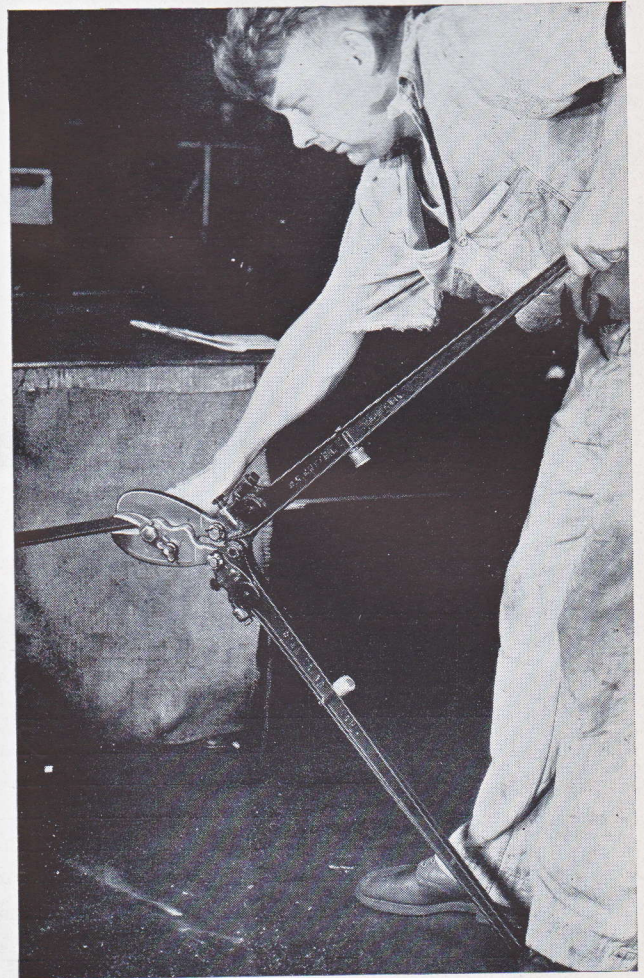


The Shear Cutter has unusual capacity. For example: Size 36T is capable of cutting soft wire rope up to  $\frac{5}{8}$ " in diameter and soft bar stock  $1\frac{1}{2}$ " x  $\frac{9}{32}$ ".

Shear Cutters are widely used in elevator maintenance and erection work, airplane construction, salvage and emergency work, in strip mills, sheet metal fabricating plants, sign erecting, ship building, and for many other types of industrial activity wherever fine stranded material or flat stock is to be cut.

We know of no portable hand tool that equals this cutter in rugged construction, power, and satisfying, continuous performance.

Shear Cutters are not as efficient as the Clipper type of tool for the cutting of rods. Owing to construction these tools can be furnished only in the Rigid Type.



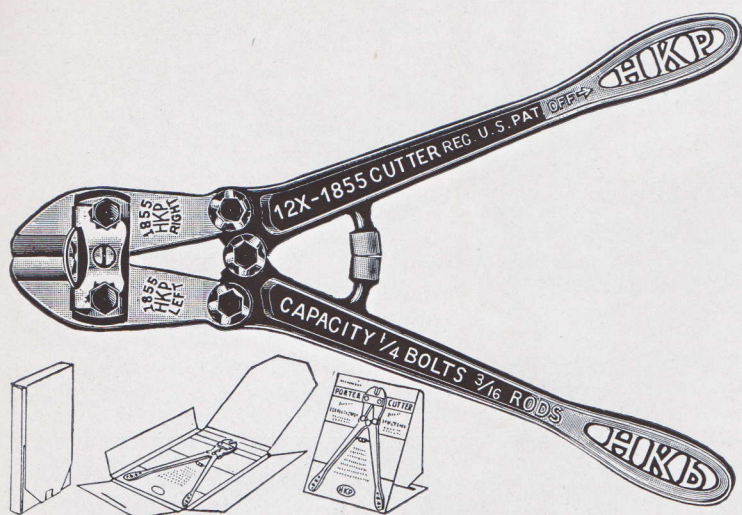
## SHEAR CUTTER

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS	CAPACITIES				APPROX. WEIGHT IN POUNDS
					SOFT WIRE ROPE AND CABLE	HARD WIRE ROPE, STRANDED GUY WIRE	SOLID SOFT RODS AND WIRES	SOFT BARS	
14 T	14"	\$ 7.50	\$ 5.80	\$5.30	$\frac{5}{16}$ "	$\frac{3}{16}$ "	$\frac{3}{16}$ "	$\frac{7}{8}$ " x $\frac{5}{32}$ "	2 $\frac{1}{4}$
24 T	24"	11.00	7.90	7.30	$\frac{7}{16}$ "	$\frac{5}{16}$ "	$\frac{9}{32}$ "	$1\frac{1}{4}$ " x $\frac{7}{32}$ "	5 $\frac{1}{4}$
36 T	36"	15.50	10.30	9.60	$\frac{5}{8}$ "	$\frac{1}{2}$ "	$\frac{3}{8}$ "	$1\frac{1}{2}$ " x $\frac{9}{32}$ "	11 $\frac{3}{4}$

For Parts See Page 22.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**





## 12 CUTTER

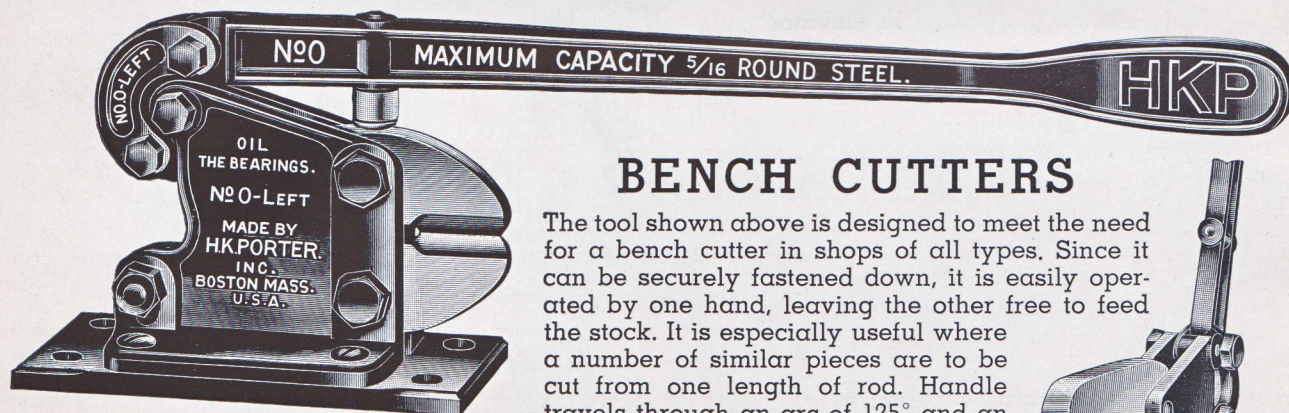
A handy cutter for comparatively light work and particularly useful for work on the farm or in the home workshop. It cuts efficiently up to its rated capacity of  $\frac{1}{4}$ " bolts in the thread and  $\frac{3}{16}$ " soft rods. Because of its handiness, this cutter has excellent retail hardware sale and is packed in a self-display carton as a further aid to its merchandising.

The "12" is well up to Porter standards in material and workmanship, having all of the standard Porter design features except the adjusting sections. Wear on the cutting edges may be taken up by filing back the stops beneath the buffers.

## 12 CUTTER

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS	CAPACITIES		APPROX. WEIGHT IN POUNDS
					ANNEALED BOLTS IN THREAD	SOFT RODS	
12	12"	\$3.00	\$2.10	\$1.60	$\frac{1}{4}$ "	$\frac{3}{16}$ "	1 $\frac{1}{2}$

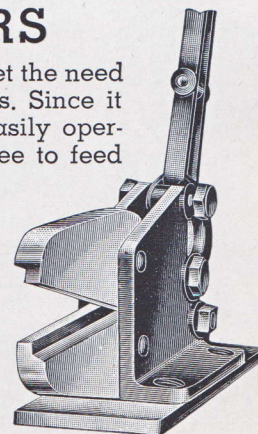
For Parts See Page 23



## BENCH CUTTERS

The tool shown above is designed to meet the need for a bench cutter in shops of all types. Since it can be securely fastened down, it is easily operated by one hand, leaving the other free to feed the stock. It is especially useful where a number of similar pieces are to be cut from one length of rod. Handle travels through an arc of 125° and an easy pull toward the operator does the

work. The jaws are center cut design. Special jaws for case-hardened chain\* are available at slight extra cost. This tool is designed to stand up under the hardest usage and to operate efficiently at maximum capacity. The tool shown at right is a Special Bench Shear Cutter designed for cutting of strip metal up to 14 gauge, 2 $\frac{1}{2}$ " wide. It is designated by the letters O BT.



## BENCH CUTTERS

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST PAIR OF JAWS	CAPACITY		APPROX. WEIGHT IN POUNDS
				ROUND STEEL ROD	HARD CHAIN	
O B	16 $\frac{1}{4}$ "	\$10.00	\$2.90	$\frac{5}{16}$ "	—	5 $\frac{1}{2}$
O B-HC*	16 $\frac{1}{4}$ "	10.25	3.20	—	$\frac{1}{4}$ "	5 $\frac{1}{2}$
O BT	16 $\frac{1}{4}$ "	Ask for Quotation		14 Gauge, up to 2 $\frac{1}{2}$ " wide strip metal		5 $\frac{1}{2}$

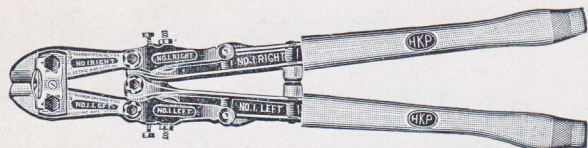
For Parts See Page 23.

\*For Hard Material.

**BOLT CUTTERS • WIRE CUTTERS • CHAIN CUTTERS • NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS • SPECIAL TWO-HAND TOOLS FOR INDUSTRY**

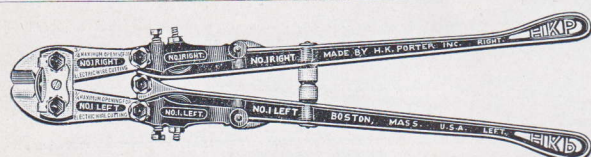


## ELECTRICAL TOOLS



**ELECTRIC WIRE CUTTERS**  
(Insulated)

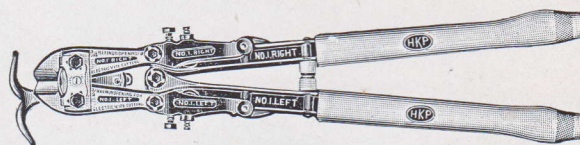
Designed with a wide jaw opening for heavily insulated wire. Handles have slip-on insulation of high quality—and while we cannot guarantee insulation, we will replace slip-on covers which upon receipt do not withstand a 20,000 volt test.



**ELECTRIC WIRE CUTTERS**  
(Not Insulated)

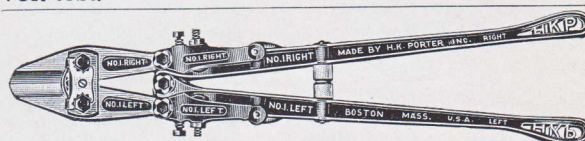
These cutters are designed with wide jaw opening for heavily insulated wires and are same as wire cutters above except they are not insulated—a saving of cost yet equally efficient where wire cutting is to be done on lines which are "dead."

**Important:** In ordering Electric Wire Cutters please be sure to specify whether or not insulated handles are desired. If not otherwise instructed we will furnish tools with insulation.



**FIREMAN'S CUTTERS**  
(Insulated)

Designed primarily for fire department use. A special groping hook guides the wire into the jaws. Head has wide opening for heavily-insulated wires. Each tool is normally furnished with slip-on insulation. We will replace slip-on covers which upon receipt do not withstand 20,000 volt test.



**STORAGE BATTERY CUTTERS**  
(Not Insulated)

A tool especially designed for the purpose of cutting the neck of large power plant battery plates. (Not auto batteries.) The narrow nose and long cutting edges assure easy work and long service. Available with clipper cut and center cut jaws.

### ELECTRIC WIRE CUTTERS (Insulated)

RIGID TYPE			SWIVEL TYPE			LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS	LIST PR. RUBBER HANDLE COVERS	CAPACITY SOLID COPPER WIRE	JAW OPENING	APPROX LENGTH OF TOOL
TOOL DESIGNATION	LIST COMPLETE TOOL	APPROX WT. IN LBS.	TOOL DESIGNATION	LIST COMPLETE TOOL	APPROX. WT. IN LBS.						
0 WC	\$ 8.25	3 1/2	0 SH-WC	\$10.50	4 1/4	\$ 3.40	\$2.70	\$3.10	5/16"	5/8"	20"
1 WC	10.75	5 3/4	1 SH-WC	13.25	6 3/4	4.30	3.50	3.60	3/8"	3/4"	26"
2 WC	12.75	9 1/4	2 SH-WC	15.75	10 1/2	5.20	4.30	4.60	1/2"	1 1/8"	32"
3 WC	16.50	13 1/2	—	—	—	6.30	5.30	5.60	5/8"	1 1/4"	37"

### ELECTRIC WIRE CUTTERS (Not Insulated)

0 X	5.75	3 1/4	0 SH-X	8.00	4	3.40	2.70	—	5/16"	5/8"	19"
1 X	7.25	5 1/4	1 SH-X	9.75	6 1/4	4.30	3.50	—	3/8"	3/4"	25"
2 X	9.00	8 1/2	2 SH-X	12.00	9 3/4	5.20	4.30	—	1/2"	1 1/8"	31"
3 X	11.50	12 1/2	—	—	—	6.30	5.30	—	5/8"	1 1/4"	36"

### FIREMAN'S CUTTERS (Insulated)

1 F	16.75	6	1 SH-F	19.25	7	10.50	3.50	3.60	3/8"	3/4"	27"
2 F	26.50	9 1/2	2 SH-F	29.50	10 3/4	19.50	4.30	4.60	1/2"	1 1/8"	33"
3 F	31.00	14	—	—	—	21.50	5.30	5.60	5/8"	1 1/4"	39"

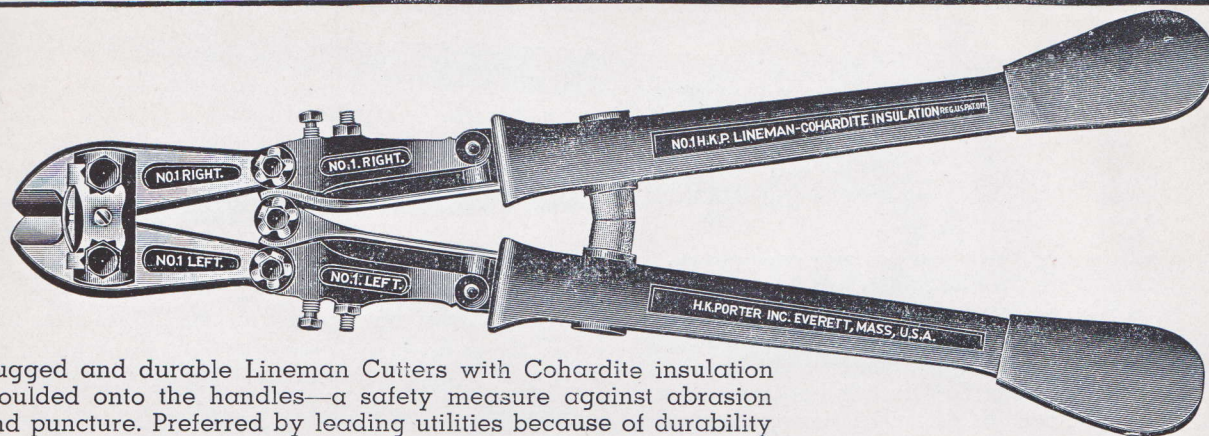
### STORAGE BATTERY CUTTERS (Not Insulated)

1 SB	11.25	5 1/4	1 SH-SB	13.75	6 1/4	8.50	7.75	—	—	13/16"	26"
2 SB	18.00	8 1/2	2 SH-SB	21.00	9 3/4	14.25	13.25	—	—	1 1/8"	32"

For Parts See Page 21.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



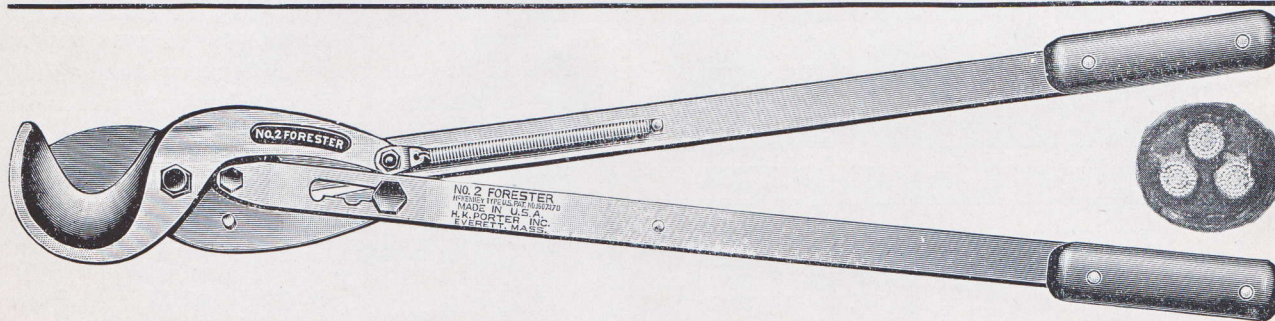


Rugged and durable Lineman Cutters with Cohardite insulation moulded onto the handles—a safety measure against abrasion and puncture. Preferred by leading utilities because of durability and long life. Each pair of handles is tested when manufactured to withstand 20,000 volts. We cannot guarantee the insulation beyond replacing without charge any tools which fail to withstand this voltage when tested upon receipt. The No. 0 tool has a capacity of 5/16" solid copper wire and a jaw opening of 5/8". The No. 1, 3/8" capacity and 3/4" opening. The No. 2, 1/2" capacity and 1 1/8" opening. The FC and SH-FC are Fireman's Cutters with automatic search hook.

### COHARDITE INSULATED CUTTERS

RIGID TYPE			SWIVEL TYPE			HANDLES COMPLETE COHARDITED		APPROX. LENGTH OF TOOL		APPROX. WEIGHT IN POUNDS	
TOOL DESIGNATION	LIST CLIPPER CUT TOOL	LIST CENTER CUT TOOL	TOOL DESIGNATION	LIST CLIPPER CUT TOOL	LIST CENTER CUT TOOL	RIGID	SWIVEL	RIGID	SWIVEL	RIGID	SWIVEL
0 WC-C	\$13.50	\$13.75	0 SH-WC-C	\$16.50	\$16.75	\$11.25	\$14.00	19"	20"	4 1/2	5 1/4
1 WC-C	16.00	16.25	1 SH-WC-C	18.50	18.75	13.25	15.00	25"	26"	6 1/4	7 1/4
1 F-C	24.00	24.25	1 SH-F-C	26.50	26.75	13.25	15.00	26"	27"	7 1/4	8 1/2
2 WC-C	18.25	18.50	2 SH-WC-C	21.25	21.50	14.75	16.50	31 1/2"	32 1/2"	9 1/2	10 3/4
2 F-C	34.00	34.25	2 SH-F-C	37.00	37.25	14.75	16.50	32 1/2"	33 1/2"	10 1/2	12

For Cutterheads See Page 14. Special Buffers No. 0—\$.20 pr. No. 1—\$.30 pr. No. 2—\$.32 pr. For other parts See Page 21.



### HEAVY DUTY SHEAR TYPE CABLE CUTTERS

A keen-bladed cutter for insulated cable from the small sizes up to 1 3/4". Its two sharp edges avoid mashing or damaging the cable strands. It is an unusually easy-working tool having, through its patented power slots, reserve leverage that can be instantly stepped-up approximately 50% and 100%. Made in two types (FT) for regular cable, telephone office inside cable, fine stranded flexible conductors, not armored, and (FH) for armored cable, stranded copper conductors No. 12 3-wire BX, also for up to 500,000 c.m. Send samples of material to be cut and we shall advise proper tool.

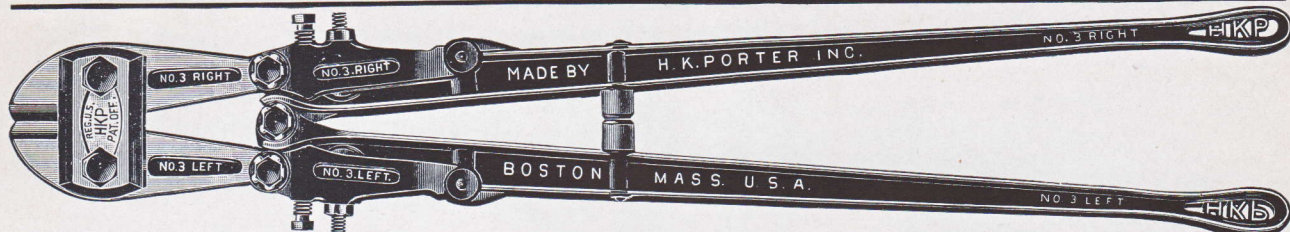
### HEAVY DUTY SHEAR TYPE CABLE CUTTERS

TOOL DESIGNATION		APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST BLADES		CAPACITY INSULATED CABLE	APPROX. WEIGHT IN POUNDS
Regular	Armored				STRAIGHT	CURVED		
1 FT	1 FH	20"	\$6.50	\$5.00	\$2.05	\$2.15	1"	2 5/8
2 FT	2 FH	27"	7.50	6.00	2.55	2.65	1 3/8"	4 5/8
3 FT	3 FH	34"	8.50	7.00	2.65	3.00	1 3/4"	7 1/4

For parts See Page 27.

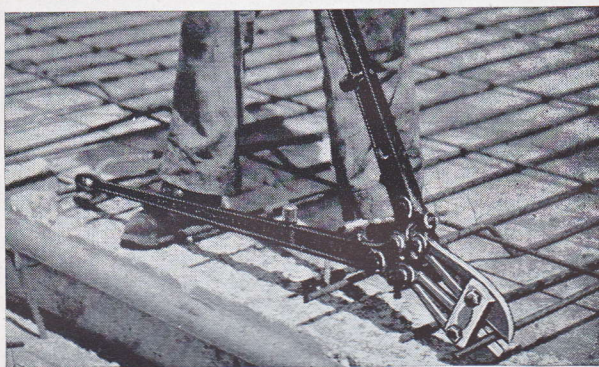
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**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**





## HEAVY DUTY CUTTER

The most rugged and durable two-hand tool in the Porter line and the type which we highly recommend for continuous use in cutting of concrete reinforcing rods. The cutting head has heavy forged straps heat-treated for maximum toughness to keep the cutting edges in line on heavy duty jobs, carefully ground and recessed with grease pockets to minimize friction. Also equipped with special pivot bolts and special set screws. Center cut round edge jaws of proper temper are furnished. Like other Porter Cutters, this tool may be readjusted to compensate for wear from year to year. The No. 4 size with the "Powerpull" (See next page) can be used on  $\frac{5}{8}$ " concrete bars.



## CABLE CUTTER

Wire cables, particularly in the larger sizes such as those used for elevators or heavy anchoring work, demand a cutter which has massive strength, is completely portable, yet which will cleanly cut every strand. The Porter Cable Cutter has been designed for that precise purpose.

The cutting edges, in two equal bevels, are sharp and the adjustment of this tool is such that the cutting edges meet when the rubber buffers are separated two or three inches. This close adjustment is to insure the cutting of each individual strand of material.

In construction, aside from the sharp cutting edges and close adjustment, this tool is the same as the Heavy Duty Cutter—made to stand hard usage over a long period of time.

The Cable Cutter is basically an elevator repair and maintenance tool which may be used on the job in the elevator shaft.

Its rugged design and neat performance suggest its use in other branches of industry such as ship building, binding of piling in harbor work, and in large scale lumber operations.

**HEAVY DUTY CUTTER (Jaws Center Cut Round Edge)**

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS	LIST PAIR OF HEAVY FORGED STRAPS	LIST PAIR OF HEAVY JAW BOLTS	CAPACITIES			APPROX. WEIGHT IN POUNDS
							ANNEALED BOLTS IN THREAD	SOFT RODS	CONCRETE RODS	
2 HD	30"	\$12.50	\$ 8.30	\$4.40	\$4.90	\$1.50	$\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	9 $\frac{3}{8}$
3 HD	36"	15.00	9.80	5.50	5.10	1.66	$\frac{5}{8}$ "	$\frac{1}{2}$ "	$\frac{7}{16}$ "	13 $\frac{1}{2}$
4 HD	42"	19.50	12.50	7.80	5.30	1.80	$\frac{3}{4}$ "	$\frac{5}{8}$ "	$\frac{1}{2}$ "	19 $\frac{5}{8}$

**CABLE CUTTER (Jaws Center Cut Sharp Edge)**

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS	LIST PAIR OF HEAVY FORGED STRAPS	LIST PAIR OF HEAVY JAW BOLTS	CAPACITY		APPROX. WEIGHT IN POUNDS
							SOFT ROPE	HARD ROPE	
2 CB	30"	\$12.50	\$ 8.30	\$4.40	\$4.90	\$1.50	$\frac{1}{2}$ "	$\frac{7}{16}$ "	9 $\frac{3}{8}$
3 CB	36"	15.00	9.80	5.50	5.10	1.66	$\frac{5}{8}$ "	$\frac{1}{2}$ "	13 $\frac{1}{2}$
4 CB	42"	19.50	12.50	7.80	5.30	1.80	$\frac{3}{4}$ "	$\frac{5}{8}$ "	19 $\frac{5}{8}$

For Other Parts of Tools Nos. 2-3 See Page 21. For No. 4 Page 22.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



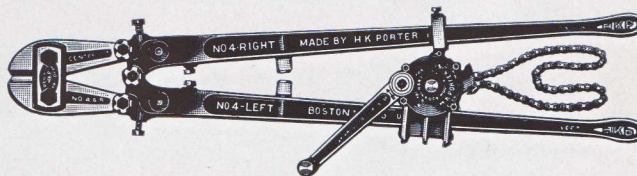
## SPECIAL HEAVY DUTY CUTTERS WITH POWERPULL

The Powerpull is a device attached to the No. 4 Porter Heavy Duty Cutter for exceptionally heavy cutting. Owing to its enormous power, it is not recommended for smaller sizes. It makes possible the use of the full power of the tool by increasing the applied power through a reduction gear box and chain sprocket. The cutting is done easily and quickly from 10 to 15 seconds per cut—without excessive demands upon the strength of the operator.

We suggest the use of these Porter Special Heavy Duty Cutters for Steel and Wire Mills, Construction and Wrecking work, Fire Departments, Public Utilities, etc. This tool will cut  $\frac{3}{4}$ " Soft Rods;  $\frac{5}{8}$ " Cold Drawn Steel;  $\frac{5}{8}$ " Concrete Reinforcing Rods.

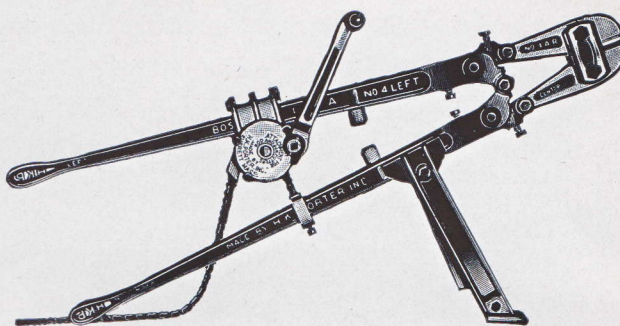
The Powerpull permits the use of a large cutter in limited working space. Cuts faster and cheaper than with torch and avoids fire hazards. It can be furnished with a Tripod support, which can readily be applied or removed, and which adds greatly to its convenience and efficiency.

The handles of the Fireman's Bar Cutter are shortened so that the tool may be used in close quarters and the grips are rubber covered. Furnished with two clevises. Capacities as given in second paragraph above.



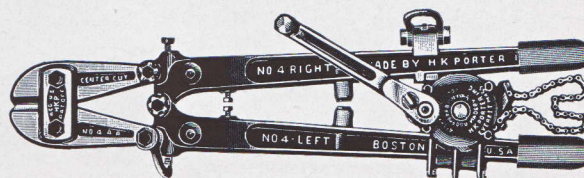
No. 4HD-P

HEAVY DUTY CUTTER WITH POWERPULL ATTACHED



No. 4HD-P

HEAVY DUTY CUTTER WITH POWERPULL AND TRIPOD  
 Tripod furnished only when ordered (see list)



No. 4FB

FIREMAN'S BAR CUTTER WITH POWERPULL AND CLEVISES

## SPECIAL HEAVY DUTY CUTTERS

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST OF TOOL WITH POWERPULL (NO TRIPOD)	LIST OF TOOL WITH TRIPOD AND POWERPULL	LIST OF TOOL WITH POWERPULL (NO TRIPOD) 1 CLEVIS	LIST OF TOOL WITH POWERPULL (NO TRIPOD) 2 CLEVISES	Tripod only .....ea. \$6.75 Powerpull only .....ea. 60.00 Clevis .....ea. 6.50 Heavy Forged Straps pr. 5.30 Heavy Jaw Bolts .....pr. 1.80 Strap Assembly (no jaws) 7.10 Jaws .....pr. 7.80 Cutterhead complete ..... 12.50
4 HD-P	42"	\$79.50	\$86.25	\$86.50	\$93.00	
4 FB	33"	—	—	—	101.50	

For other parts of tools see page 22.

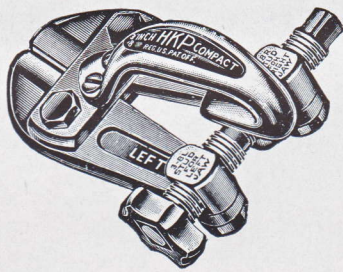
**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



## PORTER TOOLS FOR THE AUTOMOTIVE TRADE

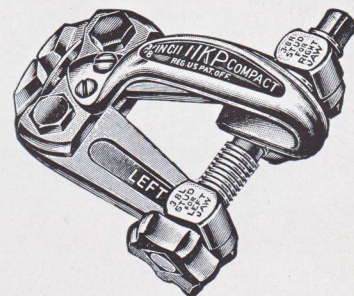
Although most of the tools illustrated and described under this classification are useful in various branches of industry, they are particularly adapted to many operations in the automotive field. The Porter line has grown up with the great automotive industry; the popularity of Porter Cutters in this field is a tribute to their design, construction, durability, and universal utility. The two Compacts, for example, are real bolt cutters in tool-kit size, and the Linkmaster has achieved immense popularity as the first really portable tool for complete repair of all sizes of tire chains.

One of the basic problems of automotive work is the inaccessibility of rods, nuts and other parts which are to be cut. The cutting tool which will do its work with the least necessity of taking the job apart is the one which makes work quicker and easier. For this reason, in addition to the automotive tools in this section, we call your attention to the other metal cutting tools listed in this catalog. The cutters of Clipper type, first used in carriage making, are still greatly useful in automobile work as are the Center Cut End and Angular Cutters, and Nut Splitters. The recently added Swivel Head feature available on many of these tools has more than doubled their usefulness. Their "wrist action" makes their operation easy and efficient in cramped quarters without awkward or off-balance position of the user.



### ANGULAR COMPACT

For close, cramped work—a powerful cutter of tool kit size. Angular head makes a flush cut. Transverse power screw may be turned by a standard ratchet handle\* (extra) with 1/2" socket.



### END COMPACT

Similar to Angular Cutter but with nipper type jaws. A versatile, tool box sized tool capable of clipping bolts, cutting rods, and wedging off or splitting nuts. Ratchet handle,\* extra.

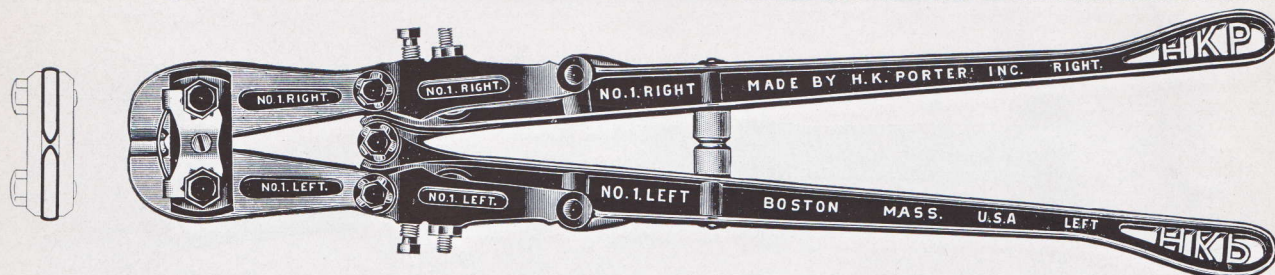
### ANGULAR COMPACT

TOOL DESIG- NATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER- HEAD	LIST PAIR OF JAWS	CAPACITIES			SPLIT NUTS OF DIAM- ETER	APPROX. WEIGHT IN POUNDS
					ANNEALED BOLTS IN THREAD	SOFT STEEL RODS	WEDGING OFF NUTS		
3/8 CO-A	7 3/4"	\$8.50	\$5.60	\$4.80	3/8"	5/16"	5/16"	—	3 1/8
END COMPACT									
3/8 CO-E	7 3/4"	8.50	5.60	4.80	3/8"	5/16"	5/16"	11/16" (3/8" Size)	2 7/8

For Parts See Page 23. \*10" Ratchet Handle for 1/2" Square Lists at \$3.75 ea. Weighs Approx. 14 oz.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**

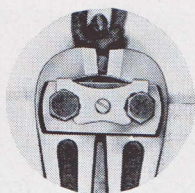




## CHAIN CUTTER

**TWO TYPES** · For case hardened chain · For all other chain

A cutter of special design developed through long experience. This tool has a stronger, harder tempered cutting edge which is short in length to discourage the tendency to cut both sides of a link at once—a practice that often damages ordinary tools. One of the two types of Chain Cutters has a patented rounded cutting edge for case-hardened chain. Its action is of a crushing rather than cutting nature and it therefore stands up under continuous work of this kind. The other type of Chain Cutter has a sharper edge for cutting all other kinds of chain.



Ordinary bolt clippers should not be used for chain cutting, since twisted links tend to set up a side strain which may damage the cutting edge of the tool. For tire, hoist, load, log, towing and trace chain, etc., use the Chain Cutter.



### RIGID CHAIN CUTTER

SOFT CHAIN		HARD CHAIN		APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS		APPROX. WEIGHT IN POUNDS
TOOL DESIGNATION	CAPACITY	TOOL DESIGNATION	CAPACITY				SOFT CHAIN	HARD CHAIN	
10 RC	1/8"	10 HC	1/8"	10"	\$ 4.50	\$2.90	\$2.40	\$2.40	1 1/2
14 RC	3/16"	14 HC	3/16"	14"	5.00	3.20	2.60	2.60	2 1/4
0 RC	1/4"	0 HC	1/4"	18"	6.00	3.70	3.00	3.00	3 1/4
1 RC	5/16"	1 HC	5/16"	24"	7.50	4.70	3.90	3.90	5 1/4
2 RC	3/8"	2 HC	11/32"	30"	9.25	5.80	4.90	4.90	8 1/2
3 RC	1/2"	3 HC	7/16"	36"	12.25	7.10	6.10	6.10	12 1/4
4 RC	5/8"	4 HC	1/2"	42"	17.25	9.70	8.50	8.50	17 1/4

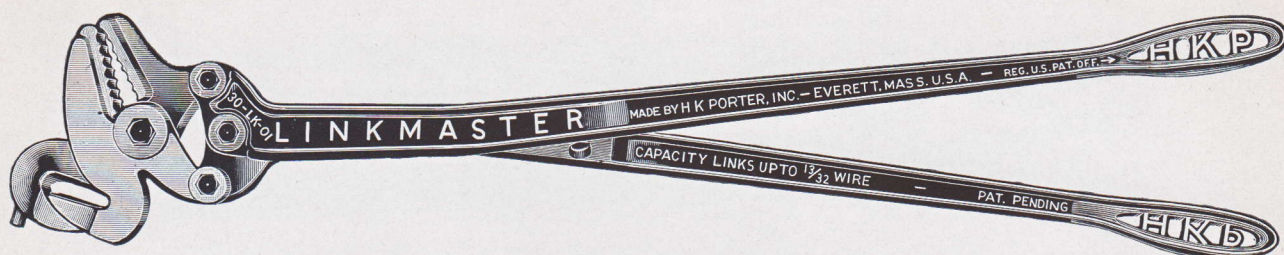
### SWIVEL CHAIN CUTTER

0 SH-RC	1/4"	0 SH-HC	1/4"	19"	8.25	3.70	3.00	3.00	4
1 SH-RC	5/16"	1 SH-HC	5/16"	25"	10.00	4.70	3.90	3.90	6 1/4
2 SH-RC	3/8"	2 SH-HC	11/32"	31"	12.25	5.80	4.90	4.90	9 3/4

For Parts of Tool Nos. 10 and 14 See Page 22. For Nos. 0-1-2-3 Page 21. For No. 4 Page 22.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**





## LINKMASTER CHAIN TOOL

No tool developed in recent years has received a greater welcome as an addition to garage and fleet equipment. It is, as far as we know, the first, light, portable tool which, in the shop or on the road, will capably handle all sizes and makes of tire chains.

The Linkmaster takes link sizes up to 13/32" diameter wire—the largest size used in heavy truck chains—and services light chains as well as the heavy.

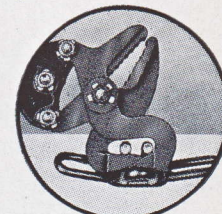
Owners of truck fleets or bus lines will find this easy-to-use tool a real saver of maintenance costs. It does away with the crude, former repair method of hammer, cold chisel and bench vise. No lugging of chains—simply spread them out ladder-wise on the floor or road bed and make repairs "standing up" in a matter of minutes.

The tire shop or service station man who has a Linkmaster can cater to chain repair work, doing in five minutes a repair job that took fifteen minutes by outdated methods, yet receiving the same amount of money for the work.

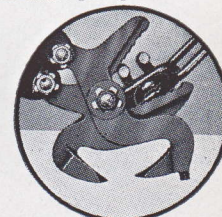
Linkmaster is a Porter-Quality tool, original in design, well and durably made. The spreader and closer jaws are of tough alloy steel, drop-forged and scientifically heat-treated. The handles are of the best malleable iron, designed for long, easy leverage and are offset to prevent injury to the hands. All bolts and nuts are heat-treated and have the new Porter lock washers. The whole tool is made to stand hard usage and give long service. This 1937 addition to the Porter line has met with universal approval: it fills a long felt need and is profitable both to sell and to use.



1. With the chain spread out on the floor, the closed link is picked up by the spreader points. Closing the handles easily forces the link open.



2. The link fully open and ready to remove. The spreader points are designed to open both ends of the link equally.



3. The new link is hooked on and placed between the notched jaws for closing. No need to turn the tool over.



4. A squeeze brings the notched jaws together and closes the link. The jaws are parallel and both ends of the link evenly closed.

### LINKMASTER

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS	CAPACITY TO OPEN OR CLOSE LINKS OF WIRE SIZE	APPROX. WEIGHT IN POUNDS
30 LK	30"	\$8.75	\$5.75	\$5.50	Up to 13/32" diam.	7

For Parts See Page 23

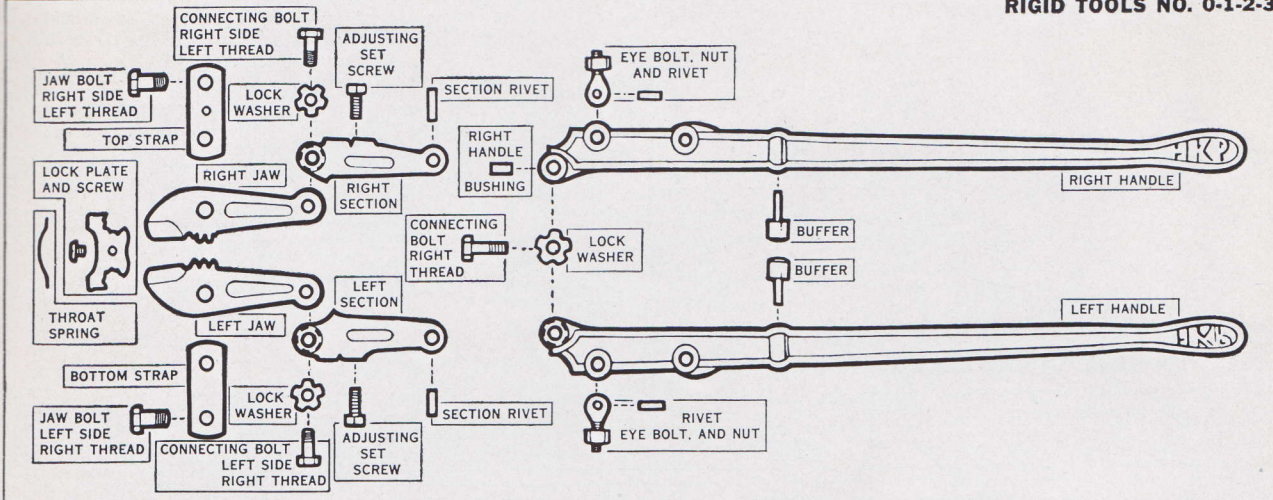
**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



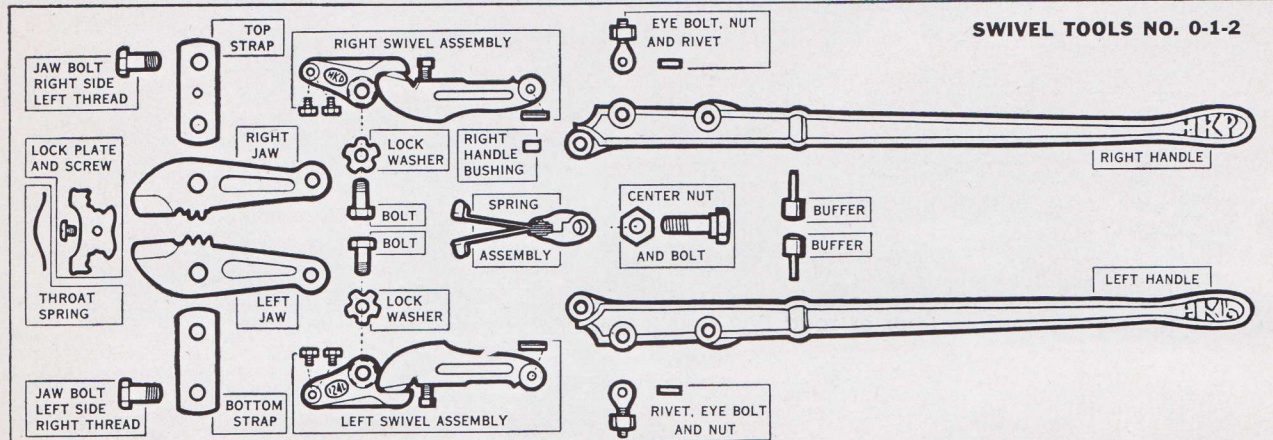
# PORTER HKP CUTTERS

H. K. PORTER, INC. TRADE MARK REG. U. S. PAT. OFF. EVERETT, MASS., U. S. A.

RIGID TOOLS NO. 0-1-2-3



SWIVEL TOOLS NO. 0-1-2



For complete tools, cutterheads, jaws—  
refer back to page describing tool.

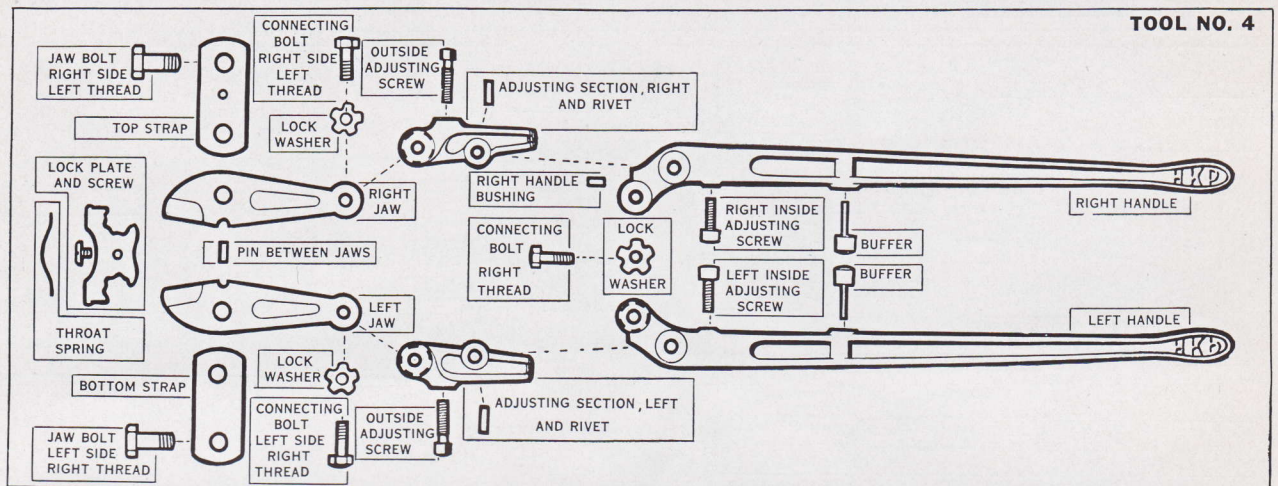
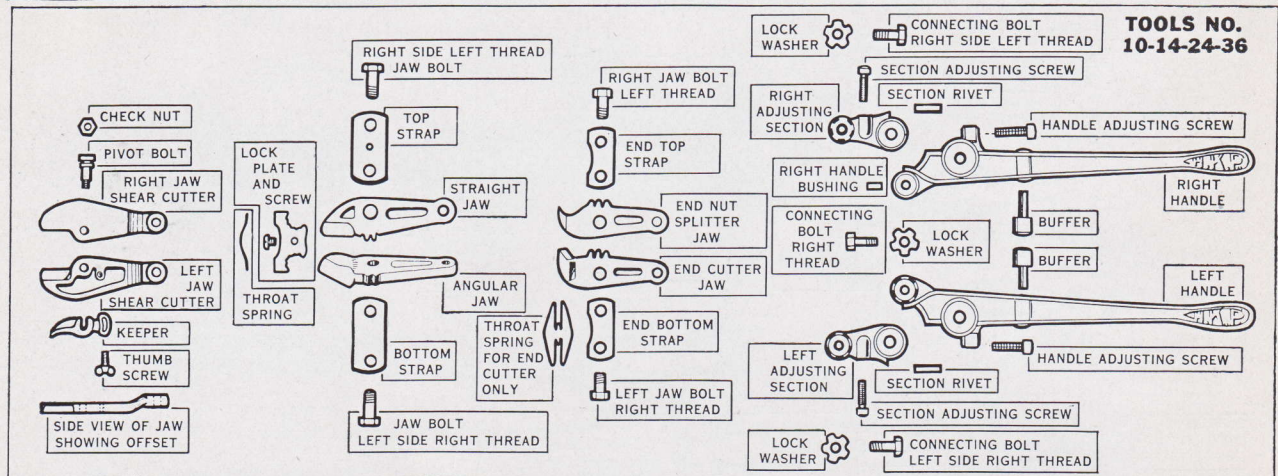
	RIGID TOOLS				SWIVEL TOOLS		
	0	1	2	3	0	1	2
Bottom Strap .....	.55	.60	.65	.75	.55	.60	.65
Bottom Strap for Fireman's Cutter (not illustrated) .....	—	4.25	11.00	11.50	—	4.25	11.00
Top Strap .....	.55	.60	.65	.75	.55	.60	.65
Jaw Bolt, Left Side, Right Thread .....	.20	.25	.30	.35	.20	.25	.30
Jaw Bolt, Right Side, Left Thread .....	.20	.25	.30	.35	.20	.25	.30
Lock Plate .....	.15	.16	.17	.18	.15	.16	.17
Lock Plate Screw .....	.30	.30	.30	.30	.30	.30	.30
Cutterhead—less Jaws .....	1.05	1.20	1.40	1.65	1.05	1.20	1.40
Handle, Left—No Parts .....	1.00	1.35	1.65	2.30	1.00	1.35	1.65
Handle, Right—No Parts .....	1.00	1.35	1.65	2.30	1.00	1.35	1.65
Handle Bushing .....	.13	.15	.18	.21	.13	.15	.18
Handle, Complete .....	1.85	2.25	2.75	3.50	—	—	—
Handle, Pairs, Complete .....	3.70	4.50	5.50	7.00	—	—	—
Adjusting Section, Left, and Rivet .....	.55	.60	.70	.80	.55	.60	.70
Adjusting Section, Right, and Rivet .....	.55	.60	.70	.80	.55	.60	.70
Conn. Bolt, Between Handles, Right Thread .....	.15	.16	.18	.20	.15	.16	.18
Conn. Bolt, Right Thread, Left Side .....	.15	.16	.18	.20	.15	.16	.18
Conn. Bolt, Left Thread, Right Side .....	.15	.16	.18	.20	.15	.16	.18
Conn. Bolt Lock Washer .....	.35	.38	.41	.44	.35	.38	.41
Section Adjusting Screw .....	.15	.16	.18	.20	.15	.16	.18
Eyebolt, Nut, and Rivet .....	.42	.48	.54	.60	.42	.48	.54
Buffer, Washer, and Rivet .....	.30	.32	.34	.36	.30	.32	.34
Throat Spring .....	.07	.08	.09	.10	.07	.08	.09
Automatic Hook (not illustrated) .....	—	2.75	4.00	4.50	—	2.75	4.00
Swivel Handles Complete .....	—	—	—	—	7.50	8.20	9.00
Right Swivel Assembly .....	—	—	—	—	1.70	2.00	2.30
Left Swivel Assembly .....	—	—	—	—	1.70	2.00	2.30
Swivel Spring Assembly .....	—	—	—	—	.70	.75	.80
Swivel Center Bolt and Nut .....	—	—	—	—	.32	.36	.40

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



# PORTER HKP CUTTERS

H. K. PORTER, INC. TRADE MARK REG. U. S. PAT. OFF. EVERETT, MASS., U. S. A.



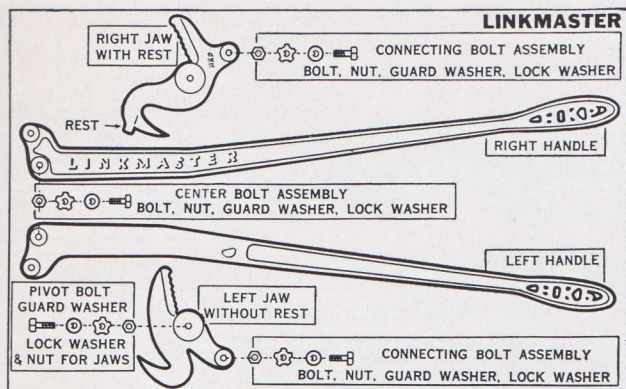
For complete tools, cutterhead, jaws—refer back to page describing tool.	10	14	24	36	4
Bottom Strap .....	ea. \$ .45	\$ .50	—	—	\$1.00
Bottom Strap for End Cut and End Nut Splitter .....	ea. —	.50	.65	.85	—
Bottom Strap for Angular Cutter only .....	ea. —	.50	.65	.85	—
Top Strap .....	ea. .45	.50	—	—	1.00
Top Strap for End Cut and End Nut Splitter .....	ea. —	.50	.65	.85	—
Top Strap for Angular Cutter only .....	ea. —	.50	.65	.85	—
Jaw Bolt, Left Side, Right Thread .....	ea. .15	.18	.28	.38	.40
Jaw Bolt, Right Side, Left Thread .....	ea. .15	.18	.28	.38	.40
Lock Plate .....	ea. .13	.14	.17	.20	.30
Lock Plate Screw—except T-Shear Cutter .....	1/2 doz. .30	.30	.30	.30	.30
Cutterhead—less Jaws .....	ea. .95	1.00	1.35	2.05	2.30
Pin Between Jaws .....	ea. —	—	—	—	.15
Handle, Left—No Parts .....	ea. .80	.90	1.50	2.90	3.50
Handle, Right—No Parts .....	ea. .80	.90	1.50	2.90	3.50
Handle Bushing .....	ea. .10	.12	.15	.21	.24
Handle, Complete .....	ea. 1.25	1.50	2.45	4.20	4.90
Handle, Pairs, Complete .....	pr. 2.50	3.00	4.90	8.40	9.75
Adjusting Section, Left, and Rivet .....	ea. .45	.50	.65	.85	.90
Adjusting Section, Right, and Rivet .....	ea. .45	.50	.65	.85	.90
Conn. Bolt, Between Handles, Right Thread .....	ea. .13	.14	.16	.20	.24
Conn. Bolt, Right Thread, Left Side .....	ea. .13	.14	.16	.20	.24
Conn. Bolt, Left Thread, Right Side .....	ea. .13	.14	.16	.20	.24
Conn. Bolt Lock Washer .....	doz. .35	.35	.38	.44	.48
Section Adjusting Screw .....	ea. .13	.14	.18	.22	.30
Handle Adjusting Screw .....	ea. .13	.14	.18	.20	.25
Buffer, Washer and Rivet .....	pr. .25	.28	.32	.36	.45
Throat Spring—except T-Shear Cutter .....	ea. .06	.07	.08	.10	.10
Throat Spring—End Cutter and End Nut Splitter only .....	ea. —	.16	.20	.24	—
Check Nut—Shear Cutter only .....	pr. —	.20	.22	.24	—
Pivot Bolt—Shear Cutter only .....	ea. —	.35	.45	.55	—
Keeper—Shear Cutter only .....	ea. —	1.60	1.70	2.10	—
Thumb Screw—Shear Cutter only .....	ea. —	.30	.35	.40	—

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**

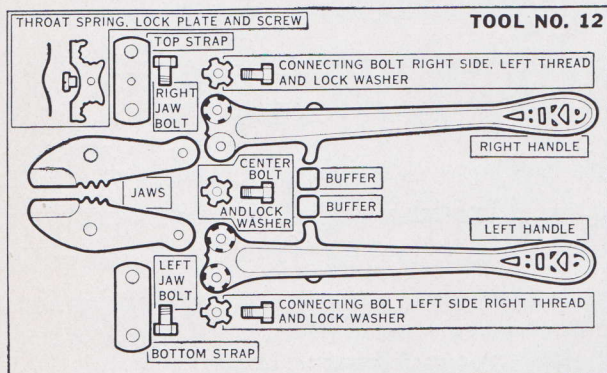


# PORTER HKP CUTTERS

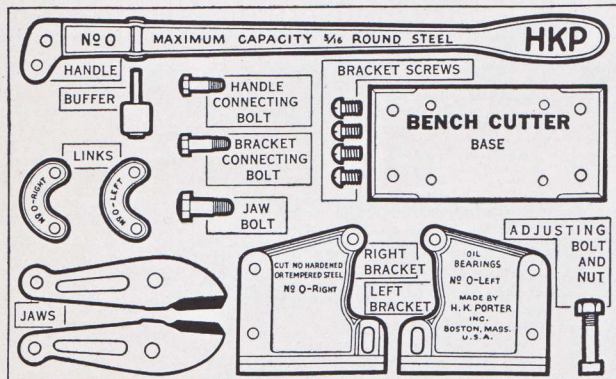
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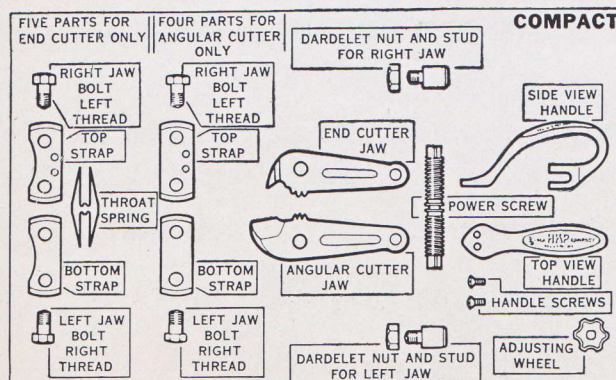
For complete tool, cutterhead, jaws—See Page 20.		30-LK
Right Jaw (with rest)	ea.	\$2.70
Left Jaw (without rest)	ea.	2.80
Pivot Bolt Assembly (Bolt, Nut, Guard Washer, Lock Washer)	ea.	.40
Connecting Bolt Assembly (Bolt, Nut, Guard Washer, Lock Washer)	ea.	.35
Right Handle	ea.	2.00
Left Handle	ea.	2.00
Pr. of Handles Complete (with all connecting bolt assemblies)	ea.	4.50



For complete tool, cutterhead, jaws—See Page 13.		12
Bottom Strap	ea.	\$ .45
Top Strap	ea.	.45
Jaw Bolt, Left Side, Right Thread	ea.	.15
Jaw Bolt, Right Side, Left Thread	ea.	.15
Lock Plate	ea.	.13
Lock Plate Screw	1/2 doz.	.30
Cutterhead—less Jaws	ea.	.95
Handle, Left—No Parts	ea.	.80
Handle, Right—No Parts	ea.	.80
Handle Bushing	ea.	.10
Handle, Pairs, Complete	pr.	1.50
Conn. Bolt, Between Handles, Right Thread	ea.	.13
Conn. Bolt, Right Thread, Left Side	ea.	.13
Conn. Bolt, Left Thread, Right Side	ea.	.13
Conn. Bolt Lock Washer	doz.	.35
Buffer, no Washer and Rivet	pr.	.15
Throat Spring	ea.	.06



For complete tool, cutterhead, jaws—See Page 13.		OB, OBT OB-HC
Handle	ea.	\$1.75
Base	ea.	2.10
Right Link	ea.	.70
Left Link	ea.	.70
Lag Screws (Set of 4)	ea.	.40
Right Bracket	ea.	2.70
Left Bracket	ea.	2.70
Jaw Bolt	ea.	.22
Bracket Screws (Set of 4)	ea.	.40
Handle Conn. Bolt	ea.	.18
Bracket Conn. Bolt	ea.	.18
Buffer Assembly	ea.	.25
Adjusting Bolt and Nut	ea.	.40



For complete tool, cutterhead, jaws—See Page 18.		3/8 CO-A	3/8 CO-E
Bottom Strap	ea.	\$ .65	\$ .65
Top Strap	ea.	.70	.70
Jaw Bolt, Left Side, Right Thread	ea.	.28	.28
Jaw Bolt, Right Side, Left Thread	ea.	.28	.28
Cutterhead—less Jaws	ea.	1.20	1.20
Throat Spring	ea.	.14	.14
Dardelet Nut for Studs	pr.	.35	.35
Stud for Left Jaw	ea.	1.10	1.10
Stud for Right Jaw	ea.	1.10	1.10
Power Screw	ea.	1.50	1.50
Compact Handle Screw	pr.	.08	.08
Compact Adjusting Wheel	ea.	.70	.70
Compact Handle	ea.	1.35	1.35

**BOLT CUTTERS • WIRE CUTTERS • CHAIN CUTTERS • NUT SPLITTERS  
LIGHT AND HEAVY PRUNERS • SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



## **PORTER PRUNERS**

Porter Pruning tools constitute a complete line of the highest grade. Every feature of design is a resultant of correct theory plus modifications from field tests and experience. Unique but not freakish, these tools are built not to conform to tradition, but to give the utmost in performance. Comparative cutting tests by many authorities have shown a wide margin of superiority for Porter Pruners.

In design, the two sharp cutting blades promote ease of performance and make a clean, close cut providing an ideal condition for proper and rapid healing.

In materials, the best available steels for the purpose are selected and heat-treated scientifically to exact standards for holding an edge and resisting wear and strain. In workmanship, Porter Pruners are precisely machined, adjusted and assembled to deliver a quality and quantity of work in keeping with their fine appearance.

There is a type of Porter Pruning tool designed, manufactured and tested to meet every practical need of orchard, farm, park and forest. For brush clearance, roadside, pasture or forest the larger sizes of the Porter Forester are perfectly suited and widely used. The patented power slot increases normal leverage so that full capacity cuts may be made by both the Forester and the Pointcut Pruner with surprising ease. The Pointcut, from throat to point, works downward from 1¼" stock to the fine, close pruning of suckers and twigs. The Pole Pruner reaches up into high places and gives "at hand" pruning results in an efficient remote control manner. The Gooseneck, light and direct in its action, is a type preferred in some sections of the country for orchard work.

One of the outstanding features of the line is that, because of precision manufacture, every part of each tool is replaceable should damage or eventual wear make this necessary.

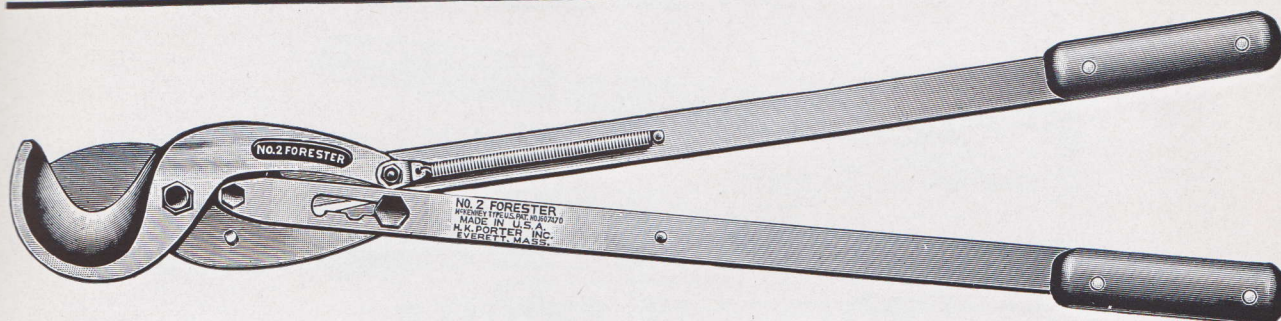
For men who want better, stronger, longer lasting pruners, and merchants who want a headliner for farm and orchard trade, the HKP line is made and guaranteed. We know of no tool field where true quality yields greater dividends, to the user, than that of pruning shears.



**P O R T E R**  
H. K. PORTER, INC.

**H K P**  
TRADE MARK REG. U. S. PAT. OFF.

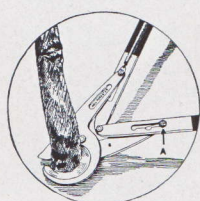
**C U T T E R S**  
EVERETT, MASS., U. S. A.



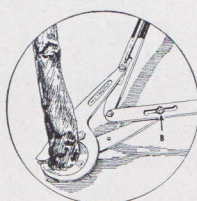
## FORESTER HEAVY DUTY BRUSH CUTTERS

Designed primarily for heavy duty work such as forest service and general clearance of farm and rights of way for high tension power lines. Unexcelled where cuts of  $\frac{3}{4}$ " or over predominate. Both the blades are sharp for clean, easy cut without damaging or stripping down bark. The blades are designed to eliminate any tendency to cross.

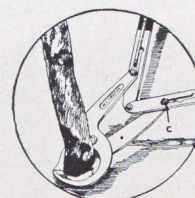
All sizes are equipped with the patented slide shift and thus make continuous cutting less tiring to the operator. The No. 3 size is primarily a ground tool for cutting brush and general work on stands of all ages. It cuts close to the ground leaving a flush, flat-topped stump. The No. 2 size is commonly used for heavy pruning where cuts greater than 1" predominate. For light work the No. 1 size is recommended.



1. In the middle of a difficult cut to get extra power, it is only necessary to let up on the handle pressure and—



2. Slip the handles back so that the jaw bolts engage in the center notch in the slot in which position the cut continues with ease.



3. Still another greater power is available in the same way though seldom needed.

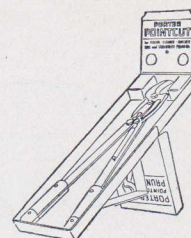
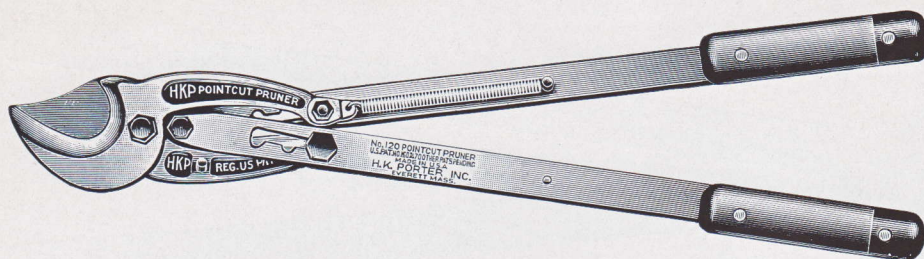
### FORESTER

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST BLADES		CAPACITY GREEN WOOD	APPROX. WEIGHT IN POUNDS
				STRAIGHT	CURVED		
1 FO	20"	\$5.00	\$3.50	\$1.30	\$1.40	1 $\frac{3}{16}$ "	2 $\frac{5}{8}$
2 FO	27"	6.00	4.50	1.80	1.90	1 $\frac{1}{2}$ "	4 $\frac{5}{8}$
3 FO	34"	7.00	5.50	2.00	2.25	2 "	7 $\frac{1}{4}$

For Parts See Page 27.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**





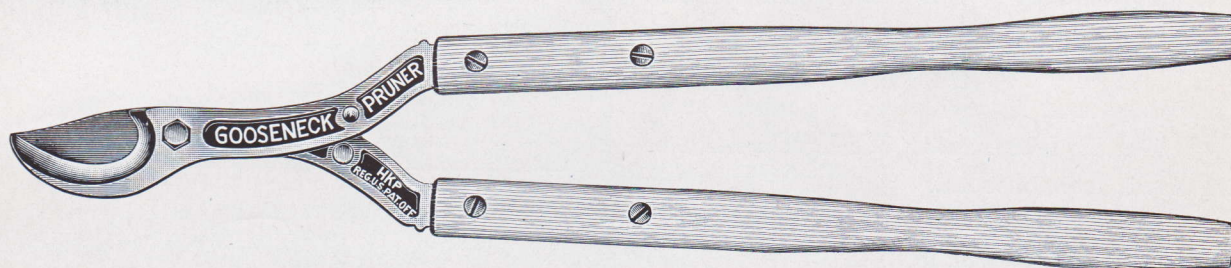
## POINTCUT PRUNER

An orchard pruning tool for use where cuts of less than 1" predominate. The design of the blades allows capacity cuts in the throat of the tool, yet small cuts or sprout and sucker growth can be quickly and closely made at the point. The two sharp blades cut without damaging the bark or crushing the fibers, promoting a quick-healing condition. The speed of the Pointcut recommends its use in forest pruning. Its two sharp blades cut without stripping down the bark of young timber trees. The Pointcut has the patented slide-shift mechanism illustrated on the foregoing page—a labor saving feature on extensive pruning work. Also a favorite with professional gardeners for all around estate work.

### POINTCUT

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST BLADES		CAPACITY GREEN WOOD	APPROX. WEIGHT IN POUNDS
				STRAIGHT	CURVED		
120 P	20"	\$5.00	\$3.90	\$1.50	\$1.60	1 1/4"	2 3/4
124 P	24"	5.10	3.90	1.50	1.60	1 1/4"	3
127 P	27"	5.20	3.90	1.50	1.60	1 1/4"	3 1/2

For Parts See Page 27.



## THE GOOSENECK PRUNER

A single-joint, wood-handled tool which combines the patented Pointcut style of blade with simplicity and lightness of action. Materials and workmanship are of the highest quality. Embodying all the features of Porter Pruners except the patented slide shift, the Gooseneck Pruner is commonly used in citrus, peach and pecan pruning and is useful for many types of pruning work. Either formed handles, as above, or straight handles can be furnished for these tools. If straight handles are desired, please so specify, as otherwise tools with formed handles will be shipped.

### GOOSENECK

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST BLADES		CAPACITY GREEN WOOD	APPROX. WEIGHT IN POUNDS
			STRAIGHT	CURVED		
220 G	20"	\$4.00	\$2.00	\$2.25	1 3/16"	2 3/4
224 G	24"	4.25	2.00	2.25	1 3/16"	3
228 G	28"	4.50	2.00	2.25	1 3/16"	3 1/4

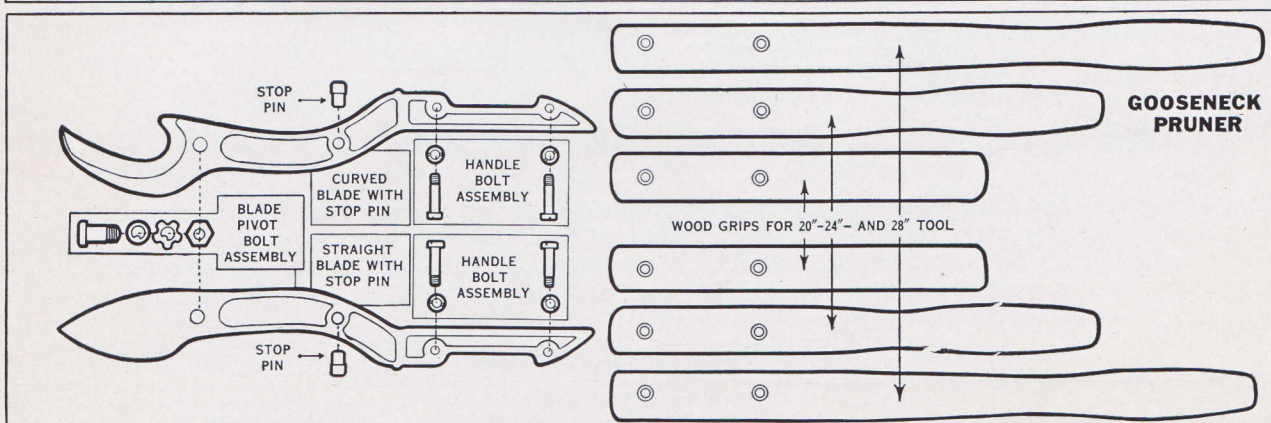
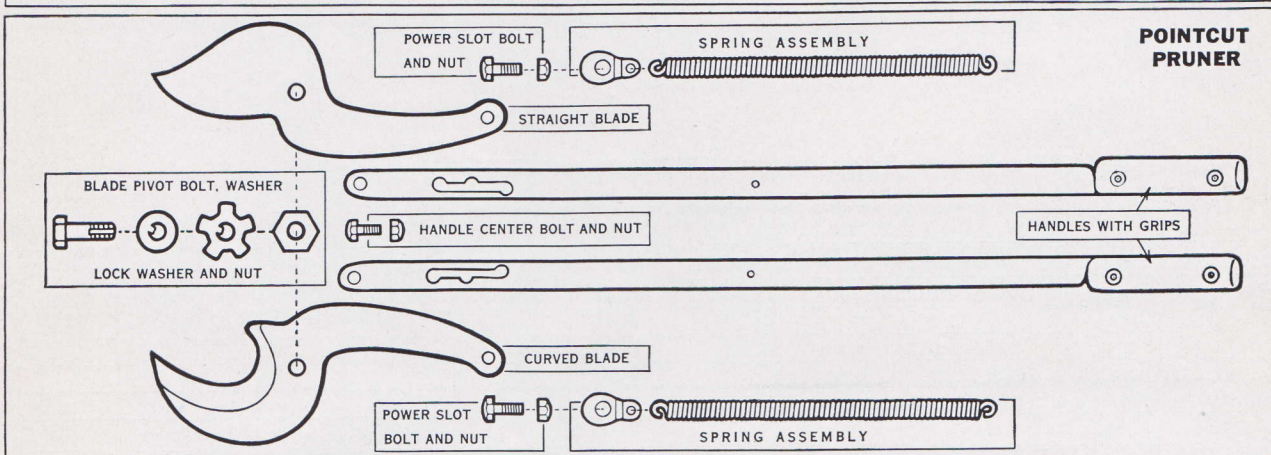
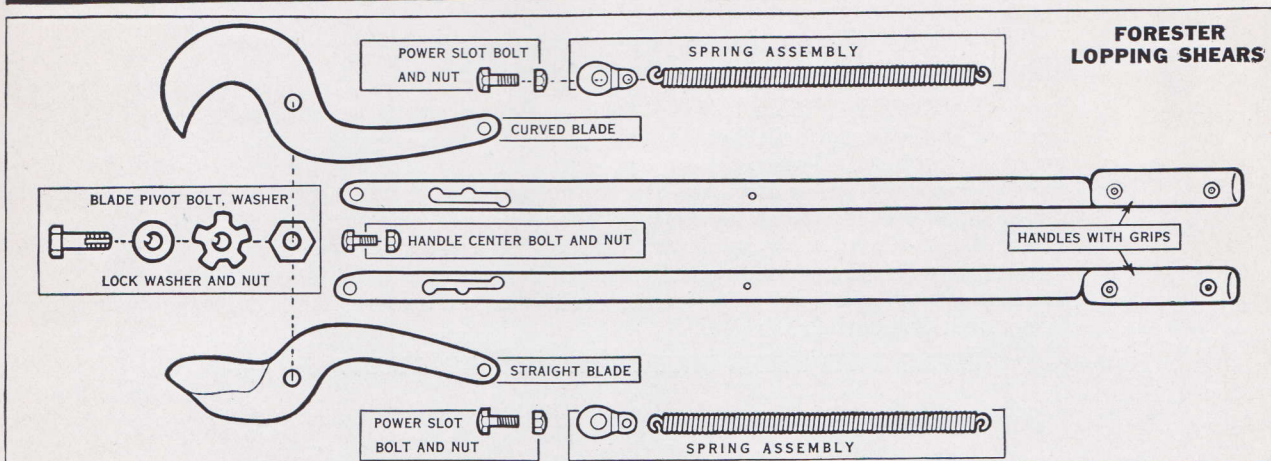
For Parts See Page 27.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



# PORTER HKP CUTTERS

H. K. PORTER, INC. TRADE MARK REG. U. S. PAT. OFF. EVERETT, MASS., U. S. A.

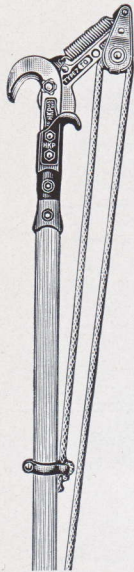


For complete tool, cutterheads, jaws— refer back to page describing tool.	FORESTER			POINTCUT			GOOSENECK		
	1 FO	2 FO	3 FO	120 P	124 P	127 P	220 G	224 G	228 G
Blade Pivot Bolt, Washer, Lock Washer and Nut .....	ea. \$ .15	ea. \$ .18	ea. \$ .20	\$ .15	\$ .15	\$ .15	\$ .20	\$ .20	\$ .20
Spring Assembly .....	.25	.30	.35	.25	.25	.25	—	—	—
Power Slot Bolt and Nut .....	.15	.20	.25	.15	.15	.15	—	—	—
Handles, Pairs, Complete .....	pr. 1.85	pr. 2.65	pr. 3.15	1.85	1.95	2.05	—	—	—
Handle with Grip .....	ea. .85	ea. 1.25	ea. 1.50	.85	.90	.95	—	—	—
Handle Center Bolt and Nut .....	ea. .15	ea. .18	ea. .20	.15	.15	.15	—	—	—
Star Washers .....	doz. .35	doz. .35	doz. .42	.35	.35	.35	—	—	—
Sub Washers .....	doz. .35	doz. .35	doz. .42	.35	.35	.35	—	—	—
Wood Grip .....	ea. —	ea. —	ea. —	—	—	—	.30	.40	.50
Handle, Bolt Assembly (2 bolts) set	—	—	—	—	—	—	.20	.20	.20

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



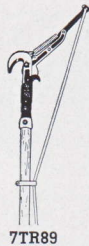
## POLE PRUNERS



SHORT ARM

Ruggedly designed tools to eliminate annoying replacements so common to ordinary tools. Both blades are sharp and are high quality steel forgings. These pruners cut close without damage to the bark, promoting quick healing. An ingenious and flexible pulley system gives a range of leverage values to meet every class of work. Weight held to a minimum through scientific design. Tree expert organizations, utilities, city park staffs, state and federal forestry departments as well as the fruit and nut grower find in these tools unusual durability.

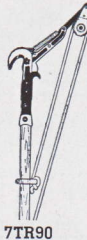
← THESE TWO TYPES MAY BE RIGGED AS BELOW →



7TR89



7TR90



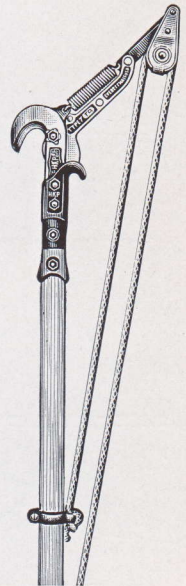
7TR90



7TQ91



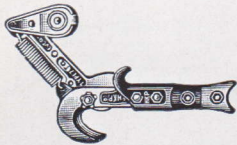
7TR91



LONG ARM

### POLE PRUNERS (with Solid Poles)

DESCRIPTION		NUMBER	6 FT.	8 FT.	10 FT.	12 FT.	14 FT.	16 FT.
LONG ARM	Complete Tool (no pulley)	7TR89	\$5.75	\$6.00	\$6.50	\$6.75	\$7.25	\$7.50
	Complete Tool (one pulley)	7TR90	6.00	6.25	6.75	7.00	7.50	7.75
	Complete Tool (two pulleys)	7TR91	6.25	6.50	7.00	7.25	7.75	8.00
SHORT ARM	Complete Tool (one pulley)	7TQ90	6.00	6.25	6.75	7.00	7.50	7.75
	Complete Tool (two pulleys)	7TQ91	6.25	6.50	7.00	7.25	7.75	8.00
Approx. Weight in Pounds			3 1/4	3 3/4	4 1/2	5	5 1/2	6



### POLE PRUNERS (with Jointed Poles)



Close-fitting, sturdy, locking sleeves enable the user to rig instantly a pole of the length required by the job at hand. The sleeves actually provide reinforcement that makes a stronger element than a single, long pole. Pole may be had in any combination of the three sections—top, intermediate, bottom. Types and rigs same as shown above. No projection to catch and unlock joints.

### POLE PRUNERS (with Jointed Poles)

DESCRIPTION		NUMBER	Made up in any combination of top and bottom sections adding up to required length.				Made up in any combination of top and bottom or three sections adding up to required length.				
			8 FT.	9 FT.	10 FT.	11 FT.		12 FT.	14 FT.	16 FT.	18 FT.
LONG ARM	Complete Tool (no pulley)	7TR89J	\$8.10	\$8.30	\$8.40	\$8.60	2 Sec.	\$8.75	\$9.05	\$9.35	—
							3 Sec.	10.40	10.70	11.10	\$11.45
							2 Sec.	9.10	9.40	9.70	—
	Complete Tool (one pulley)	7TR90J	8.45	8.60	8.70	8.95	3 Sec.	10.75	11.05	11.40	11.75
							2 Sec.	9.40	9.70	10.00	—
							3 Sec.	11.05	11.35	11.70	12.05
SHORT ARM	Complete Tool (one pulley)	7TQ90J	8.45	8.60	8.70	8.95	2 Sec.	9.10	9.40	9.70	—
							3 Sec.	10.75	11.05	11.40	11.75
							2 Sec.	9.40	9.70	10.00	—
	Complete Tool (two pulleys)	7TQ91J	8.75	8.90	9.00	9.25	3 Sec.	11.05	11.35	11.70	12.05
							2 Sec.	6	6½	7	—
							3 Sec.	6½	7	7½	8
Approx. Weight in Pounds			4¾	5	5¼	5½					

For Parts See Page 29.

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



# PORTER HKP CUTTERS

H. K. PORTER, INC. TRADE MARK, REG. U. S. PAT. OFF. EVERETT, MASS., U. S. A.

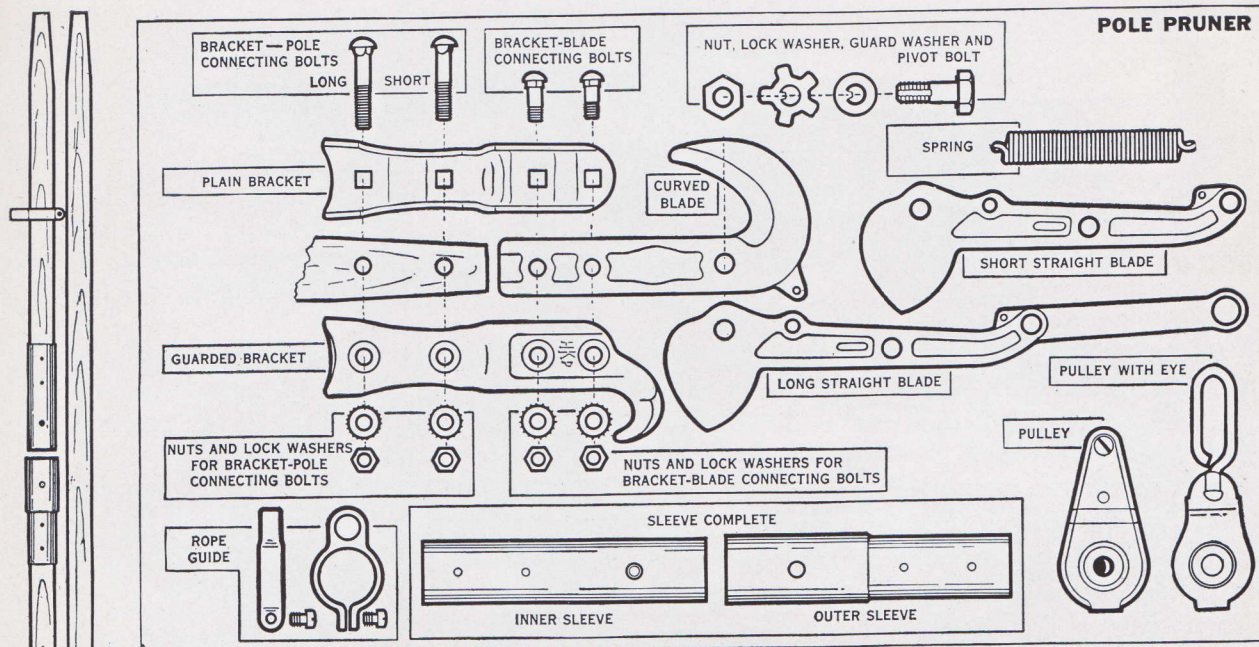





TABLE A for complete tools, refer back to page describing tool.		POLE PRUNER						
		6 ft.	8 ft.	10 ft.	12 ft.	14 ft.	16 ft.	18 ft.
Curved Blade.....	ea. \$1.50	—	—	—	—	—	—	—
Straight Blade (long or short).....	ea. 1.80	—	—	—	—	—	—	—
Pair Blades .....	pr. 3.30	—	—	—	—	—	—	—
Pivot Bolt Assembly (Nut, Bolt, and Washer) .....	set .15	—	—	—	—	—	—	—
Cutterhead (no bracket) .....	ea. 3.75	—	—	—	—	—	—	—
Cutterhead (with bracket) .....	ea. 4.25	—	—	—	—	—	—	—
Pulley for Cutter Arm .....	ea. .25	—	—	—	—	—	—	—
Pulley and Eye for Pole .....	ea. .25	—	—	—	—	—	—	—
Spring .....	ea. .25	—	—	—	—	—	—	—
Plain Bracket .....	ea. .25	—	—	—	—	—	—	—
Guarded Bracket .....	ea. .25	—	—	—	—	—	—	—
Bracket Blade Conn. Bolt .....	set .20	—	—	—	—	—	—	—
Bracket Pole Conn. Bolt .....	set .20	—	—	—	—	—	—	—
Screw Eyes .....	no chg.	—	—	—	—	—	—	—
Sleeve complete .....	ea. 1.30	—	—	—	—	—	—	—
Inner Sleeve .....	ea. .65	—	—	—	—	—	—	—
Outer Sleeve .....	ea. .65	—	—	—	—	—	—	—
Rope Guide .....	ea. .20	—	—	—	—	—	—	—
Rope, no pulley .....	ea. —	.40	.45	.55	.60	.70	.80	.90
Rope, one pulley .....	ea. —	.45	.55	.60	.70	.80	.85	.95
Rope, two pulleys .....	ea. —	.50	.60	.65	.75	.85	.90	1.00
Poles, solid .....	ea. —	1.05	1.35	1.65	1.95	2.25	2.50	—

## JOINTED POLE SECTIONS

TABLE B	4 FT.	5 FT.	6 FT.	8 FT.
 Top Section	\$1.75	\$1.85	\$2.00	\$2.20
 Intermediate Section	2.15	2.25	2.40	2.60
 Bottom Section	1.50	1.60	1.75	1.95

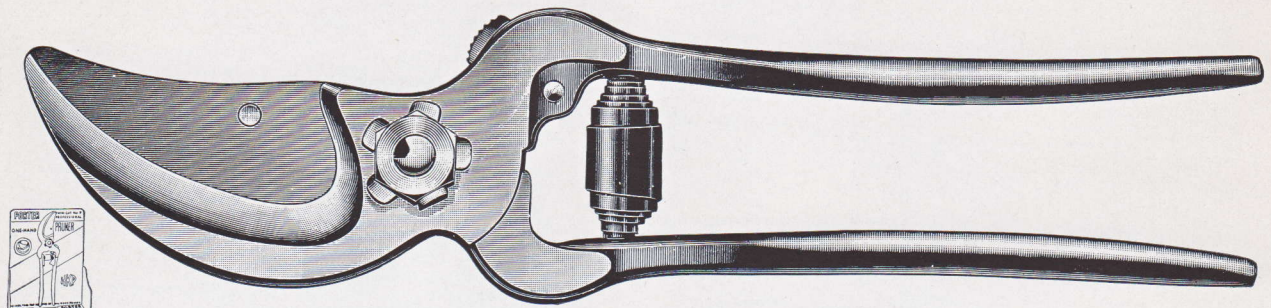
## SECTIONAL POLE PRICES (Complete with Sleeves)

Length	2 Sec.	3 Sec.
8 Ft.	\$3.25	—
9 Ft.	3.35	—
10 Ft.	3.45	—
11 Ft.	3.60	—
12 Ft.	3.75	\$5.40
14 Ft.	3.95	5.60
16 Ft.	4.15	5.90
18 Ft.	—	6.15

Made up in any combination of top and bottom or top, intermediate and bottom sections which add up to desired length. See Table B for section lengths.

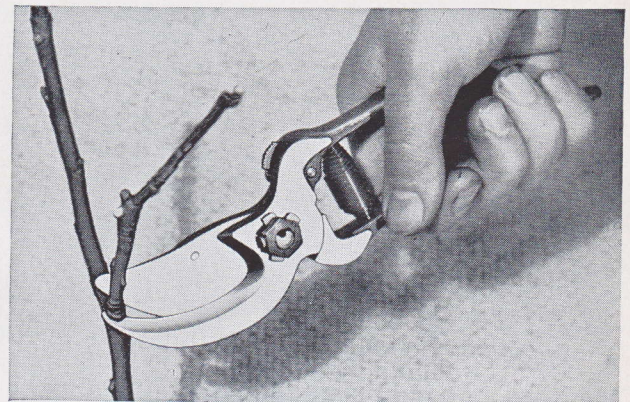
**BOLT CUTTERS • WIRE CUTTERS • CHAIN CUTTERS • NUT SPLITTERS  
LIGHT AND HEAVY PRUNERS • SPECIAL TWO-HAND TOOLS FOR INDUSTRY**





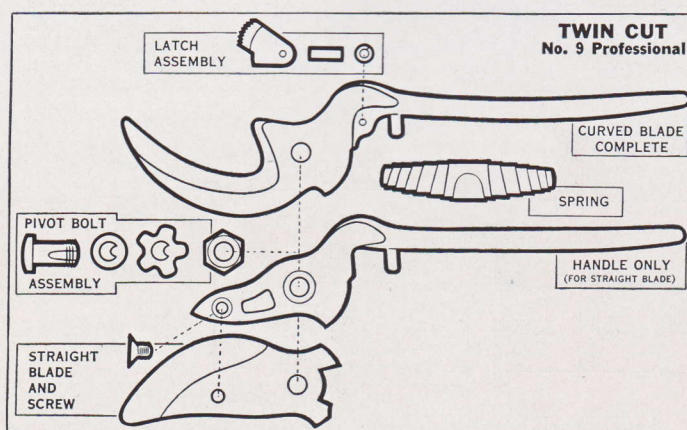
## TWIN-CUT No. 9 PROFESSIONAL

A superior one-hand pruner for clean, close work and long service. So designed that normal cutting is done at the point with minimum handle opening and greatest ease. Approved and tested in the field, it is advanced in design, strong and durable for all around use in nursery, orchard, garden, park and farm. Points of superiority: Both Blades sharp; Blades open wide; Minimum handle opening; Cannot pinch hand; Low operating pressure; Fool proof handle lock; Patented pivot bolt; Interchangeable blade; Spur prevents springing; All parts drop-forged; All parts precision machined; All parts interchangeable; Light and extremely strong; Approved and tested in the field.



### TWIN-CUT NO. 9 PROFESSIONAL

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST BLADES		APPROX. WEIGHT IN POUNDS
			STRAIGHT	CURVED	
9 TW	8 $\frac{3}{4}$ "	\$3.75	\$1.00	\$2.00	12 oz.



For complete tools, cutterhead, jaws—See table above	9 TW
Curved Blade Complete.....ea.	\$2.00
Handle Only (for straight blade).....ea.	1.30
Straight Blade and Screw.....ea.	1.00
Pivot Bolt Assembly .....set	.15
Blade Connecting Screw.....ea.	.05
Spring .....ea.	.20
Latch Assembly .....set	.15

**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



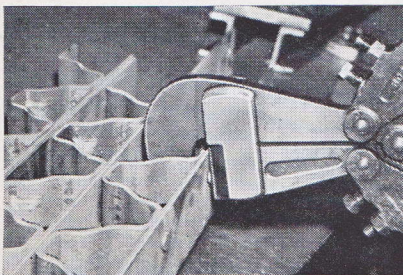
# SPECIAL HKP TOOLS

TRADE MARK REG. U. S. PAT. OFF.

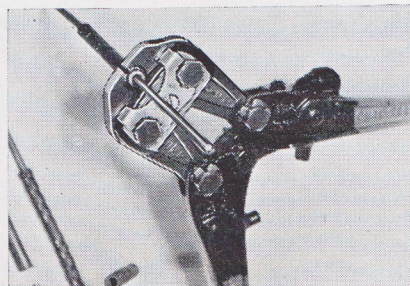
The toggle mechanism of the bolt clipper type of tool is notable because of its tremendous power when used in the proportion dictated by Porter design. The average bolt clipper delivers to the user a multiplication of power of 70 to 80 times, so that 100 pounds applied to the handle grips of the clipper becomes multiplied to a theoretical cutting pressure of 3½ to 4 tons at the cutting edge, losing only the friction generated in the bearings of the moving parts.

This ability to exert great pressure with a portable tool has brought about a demand for special tools of all sorts making this power multiplication available in many branches of industry. While these special applications are too numerous to describe in detail in this catalog, it can be said that they fall into a few main operations. Below are illustrated several operations commonly performed, and the same action demonstrated by these tools—such as heading, pressing, crimping, punching and caulking—may be adapted with specially designed forms of heads or, as they might be termed, miniature dies, to accomplish results of almost unlimited variety.

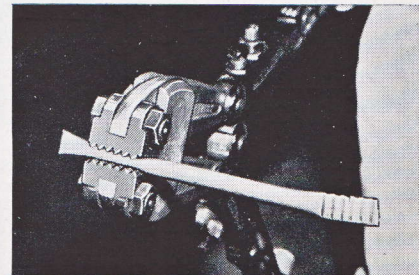
Consideration of these capabilities of the Porter leverage principle may well be given by engineers, designers and superintendents of industrial organizations. The portability, the strength and the lasting qualities of this type of tool have a large potential value in speeding up work, cutting down costs, and increasing the efficiency of industrial production. The production engineers of many industries have found that in performing special operations of this kind, when it is necessary to take the tool to the job rather than taking the job to the tool, a very happy solution has been found in Special Porter Tools. If you have special tool problems, we believe that the examples shown on this and following pages will suggest possibilities of such tools designed to meet your particular needs.



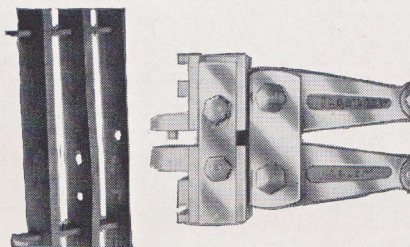
HEADING



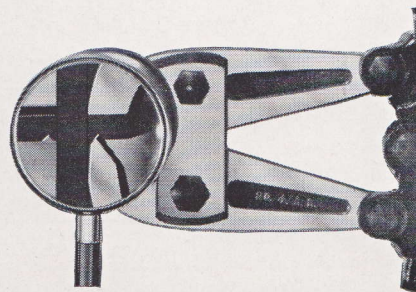
PRESSING



CRIMPING



PUNCHING

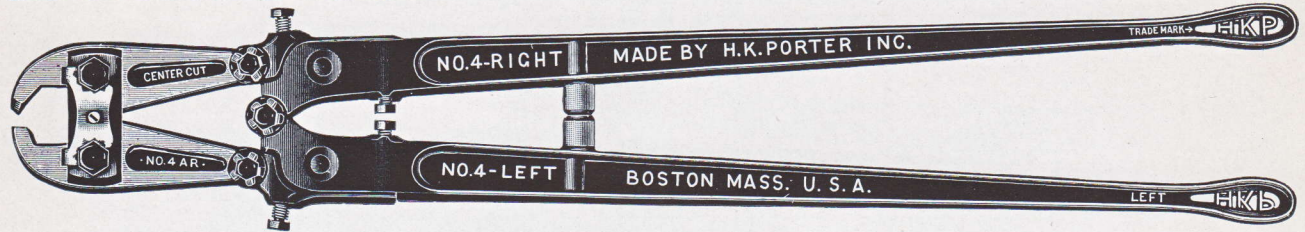


CAULKING



# PORTER HKP CUTTERS

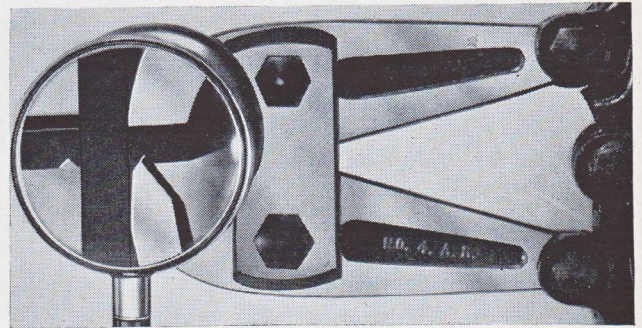
H. K. PORTER, INC. TRADE MARK REG. U. S. PAT. OFF. EVERETT, MASS., U. S. A.



## THE CAULKING TOOL

This tool is used for caulking pickets and rails of ornamental iron fences. Its anvil jaw and caulking jaw forces a displacement of metal which effectively and firmly caulks the joints.

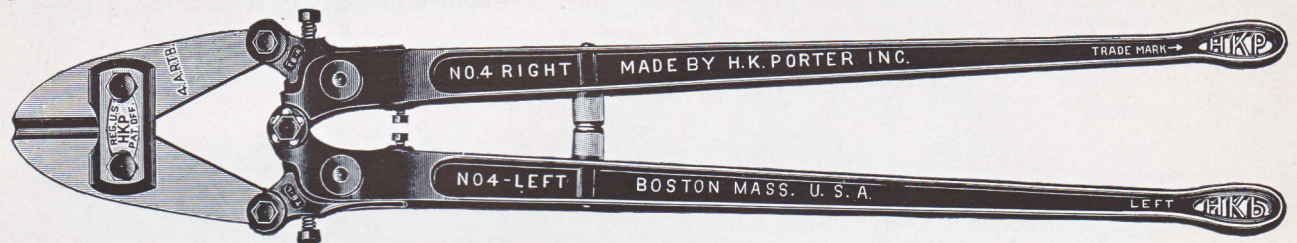
Where used, this tool has enabled contractors to obtain large contracts for metal fencing at prices they could not have quoted with ordinary equipment.



### CAULKING TOOL

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	APPROX. WEIGHT IN POUNDS	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS	CAPACITY	
						IN CHANNEL RAILS	IN SOLID RAILS
4 FK	42"	17	\$29.50	\$19.75	\$18.50	Up to 2"x1"	Up to 2"x1/2"

For Parts See Page 22.



## THE BEAD CUTTER

The Bead Cutter is a perfect example of special adaptation for a particular need. In the tire industry, worn casings are sometimes retreaded and sold as new tires. This tool effectively puts out of commission any casing not fit for retreading by severing the bead wires as illustrated. The cutter cuts the casing through the bead wire, as illustrated.



### BEAD CUTTER

TOOL DESIGNATION	APPROX. LENGTH OF TOOL	LIST COMPLETE TOOL	LIST COMPLETE CUTTER-HEAD	LIST PAIR OF JAWS	CAPACITY CUTS BEADS OF TIRES	APPROX. WEIGHT IN POUNDS
4 TB	44"	\$42.00	\$33.00	\$29.00	Up to 12" cross sectional diam.	20 3/8

Special Forged Straps \$5.80 pr. Jaw Bolts \$1.80 pr. Adjusting Sections \$4.50 pr. Handles complete \$12.45 pr.

**BOLT CUTTERS • WIRE CUTTERS • CHAIN CUTTERS • NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS • SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



# PORTER

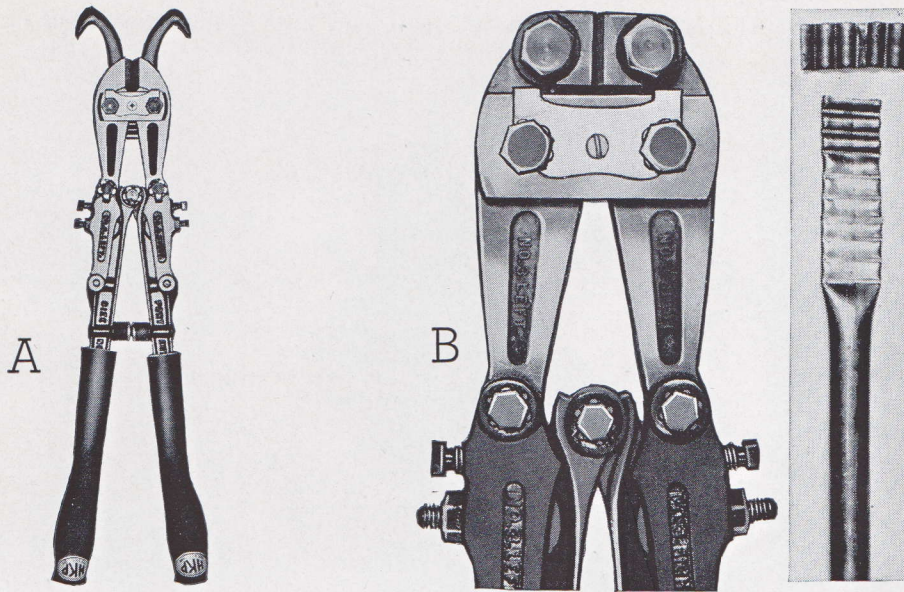
H. K. PORTER, INC.

# HKP

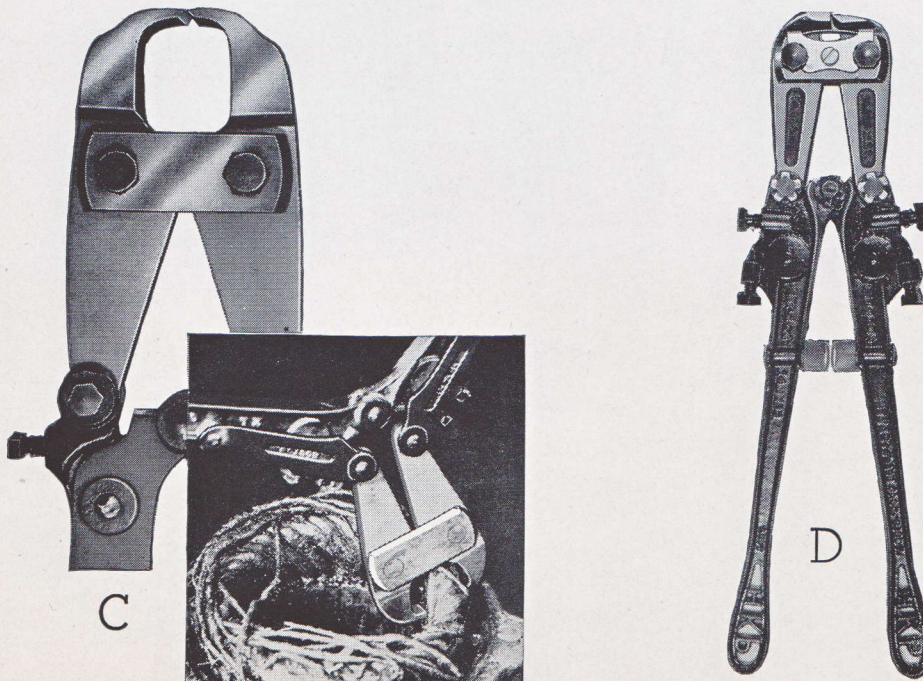
TRADE MARK REG. U. S. PAT. OFF.

# CUTTERS

EVERETT, MASS., U. S. A.

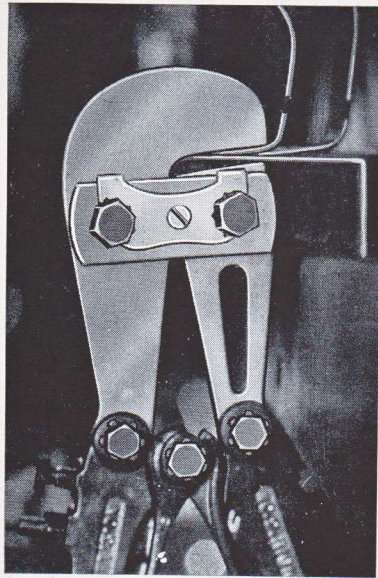


Demonstrating the value of the Porter leverage principle as applied to special tools for industry, a number of specific applications are illustrated here. Most of these tools were developed or perfected by our engineering department in collaboration with the organizations by whom the tools were intended to be used. In some cases the nature of the work done by these tools is also illustrated. (A) Special wire cutter designed for cutting away military entanglements and barbed wire of all kinds. Equipped with insulated handles and with hook for guiding of wires into cutting edge. (B) A special tool for emergency crimping of refrigerator tubing. Specimens of its work are shown at its immediate right. (C) A special Coil Cutter used in motor repair work. The inset shows the tool in action. (D) A special End Cutter with one anvil jaw and one flush cut jaw, designed for trimming bolt ends close to the nut and with only a slight burr. Especially useful in furniture and truck body work. Made in three sizes. List Prices: 14" \$7.00 each. 24" \$10.00 each. 36" \$15.50 each.

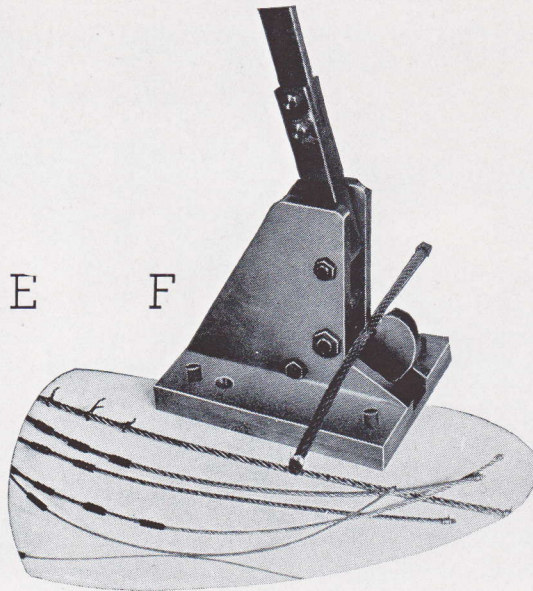


**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**

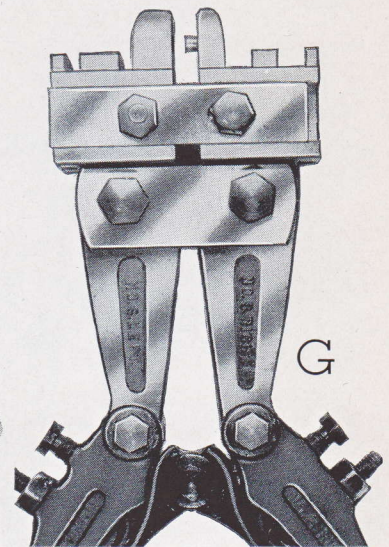




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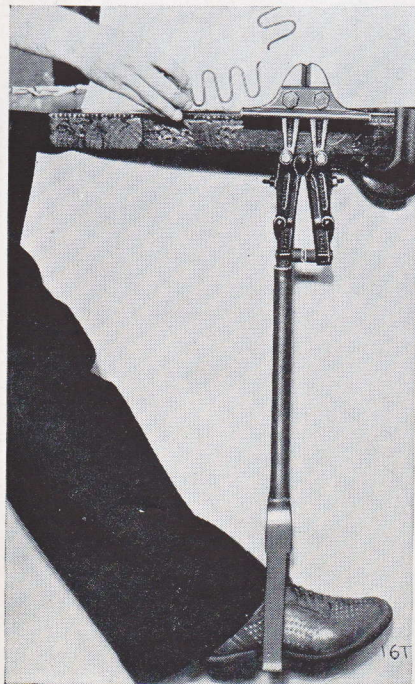


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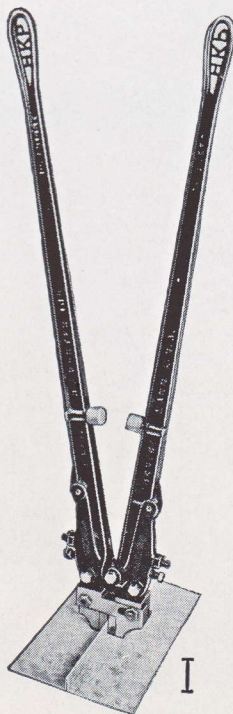


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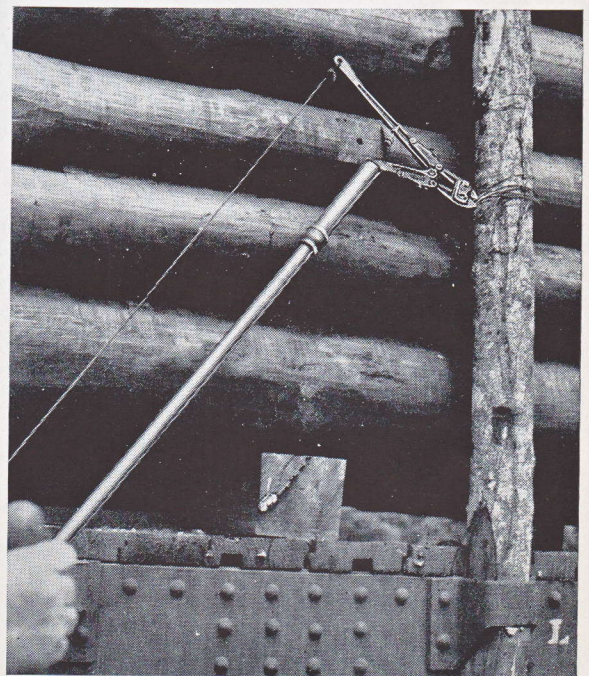
Practically all of the tools illustrated are special adaptations of the five basic designs shown on Page 31. The versatility of the Porter leverage principle is demonstrated by the illustrations showing the tool operated by foot power or as an extension tool for out-of-reach work. (E) A special Rivet Squeezer—a particularly useful type of tool adaptable to many kinds of work. (F) A special "U" Bench Shear, powerful yet simple in operation. (G) A special punch and die attachment for grating work. (H) A special Stirrup Cutter. This method of using foot power may be applied to many types of special Porter tools. (I) A special Seam Flatter—a tool which provides many times the power available in an ordinary single joint tool. It is shown in operation on a seam such as used in galvanized roofing. (J) A special Extension Wire Cutter—a regular Porter Cutter equipped with an extension handle which suggests its use in many operations to be done by "remote control." Your correspondence on special tools is invited.



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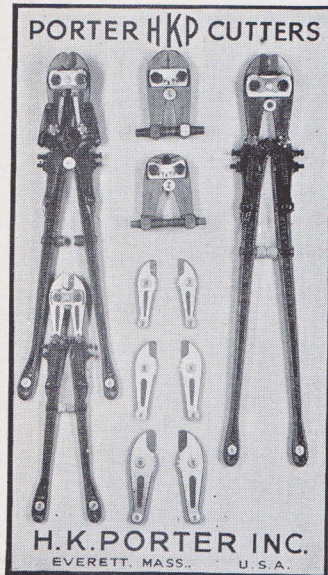
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**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
**LIGHT AND HEAVY PRUNERS · SPECIAL TWO-HAND TOOLS FOR INDUSTRY**



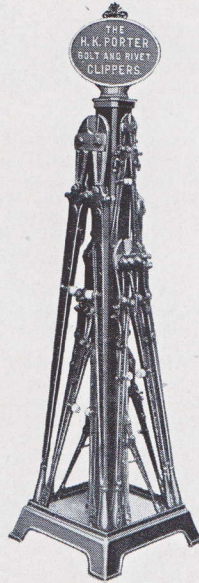
## DISPLAY MATERIAL

The display material shown here is designed to take up minimum space and to properly display the tools. We also have available for use by our distributors, circulars suitable for general distribution and as envelope stuffers—covering all our lines. Samples on request.



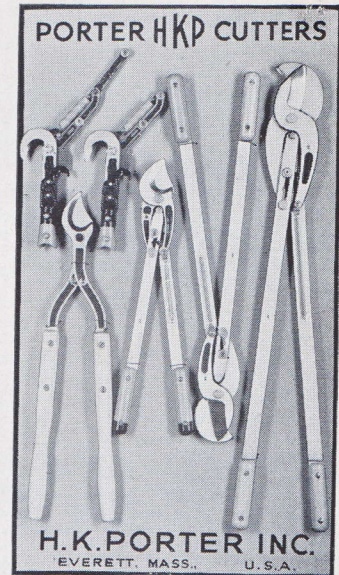
**BOLT CUTTER DISPLAY BOARD**

Furnished as shown above to jobbers purchasing a stock amounting to one dozen units, the dozen quantity to include the items on the board. Measures 24" x 43½".



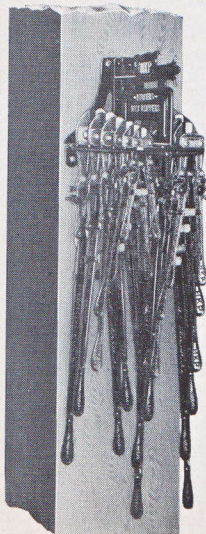
**FLOOR DISPLAY STAND**

Designed for jobbers' salesrooms and for large retail establishments. Stand is 4'2" high. Base is 16" x 16". Holds 12 tools.



**PRUNER DISPLAY BOARD**

Furnished as shown above to jobbers purchasing a stock amounting to one dozen units, the dozen quantity to include the items on the board. Measures 24" x 43½".

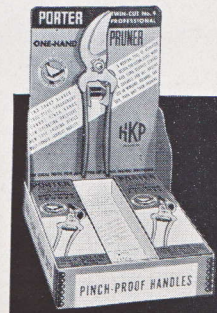


**WALL DISPLAY**

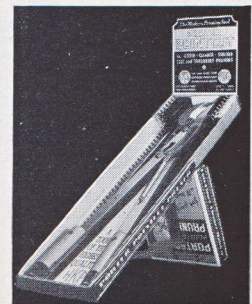
Made of heavy metal enameled in black. Holds 12 tools. Wall plate measures 12" x 11 3/16" and rack extends 15¼" from the plate. Will be furnished upon request to our representatives.



The No. 12 is individually boxed in shipping-display container.



The Twin-Cut is individually boxed with 6 boxes to display carton.



This display carton can be furnished for the Pointcut.

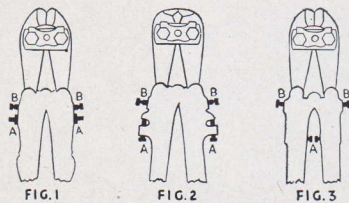
**BOLT CUTTERS · WIRE CUTTERS · CHAIN CUTTERS · NUT SPLITTERS**  
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# GENERAL INSTRUCTIONS FOR ADJUSTMENT AND REPAIR OF PORTER TOOLS

Every standard PORTER tool is provided with an easy, simple method of adjusting the position of the jaws to compensate for wear, to permit resharpening and to provide an economical means of replacing single jaws which may become damaged. As a result of almost 60 years' experience in the manufacture of this type of tool, we know that an adjustment device is absolutely essential—in fact, Bolt Clippers never came into general use until the PORTER Tool with adjustments was introduced in 1880.

## ADJUSTMENT OF CUTTING EDGES OF JAWS



For Metal Cutters marked New Easy or No. 0-1-2 or 3 See Figure 1.

For Metal Cutters marked OK-Hypowax or No. 10-14-24 or 36 See Figure 2.

For Metal Cutters marked Allen Randall or No. 4 See Figure 3.

Bring cutting edges together by loosening "A" and tightening "B." Make approximately equal adjustment on each handle. Take up slack on handle set screw "A." Dress edges of jaws with a sharp file, preserving original bevel angles and dimensions.

### Additional Instructions on Nut Splitters:

Adjust cutting edges so that the gap between them when handles are fully closed is equal to the bolt diameter of the nuts to be split. May be adjusted to split nuts of bolts measuring  $\frac{1}{16}$ " and  $\frac{1}{8}$ " smaller than rated capacity.

### For Tools marked 12-12X-1855:

As the cutting edges of the tool wear away, a limited amount of adjustment may be obtained by removing the rubber buffers and slightly filing away the metal stops between the handles — then replacing the buffers.

### For Bench Cutters:

Bring the jaws to the closed position. Loosen nut lower rear corner of left hand bracket. Tap lightly the back end of the lower jaw until the cutting edges touch. Tighten the nut until the head of the bolt is drawn very firmly against the side wall of the right hand bracket. The square head of the adjusting bolt is made at an angle to the body of the bolt so that it will bear fully against the slot in the bracket.

For cutting small soft wire or small sizes of flat wire it is desirable to adjust so that the cutting edges meet when the buffer on the handle is from  $\frac{1}{2}$ " to 1" above the body of the tool. As in the case of two hand Porter cutters, jaws may be dressed with a sharp file without removal from the tool. Preserve original bevel angles and dimensions.

### For Compact Cutters:

As cutting edges wear dress them with a sharp file. The angles of the bevels are important and should be maintained in their original form. Jaws do not need to be replaced until the cutting edges no longer meet when the studs are at their extreme outer position on the power screw. Keep power screw clean and well oiled. Adjust the bolts and check nuts on the studs so that the tool can be operated by the hand wheel but will not reverse with the ratchet.

### For Shear Cutters:

As cutting edges are ground away in sharpening it will be necessary to adjust handles as shown above (Fig. 2) so that the points of the shear jaws overlap approximately  $\frac{1}{8}$ " when handles are fully closed.

## REPAIR AND ADJUSTMENT OF CUTTER HEADS

The cutter heads of all Porter Bolt Cutters are now furnished with heat treated straps and jaw bolts. The jaw bolts are locked by a lock plate to prevent backing out or seizing. The lock plate also holds in place a throat spring to prevent choking the throat of the jaws by small rod or wire which might slip to the extreme bottom of the throat.

After heat treatment the inner faces of the straps are ground flat to hold the jaws in proper alignment. The jaws too are ground after heat treatment so they will be flat.

If either straps or jaws are sprung by overloading, prying, diagonal cutting, or other abuse, the cutter head should be disassembled and the bent parts straightened by careful hammer blows. Check the parts with straight edge.

To reassemble the cutter head, lay the bottom strap, inner face up, with the left-threaded hole to the right and the right-threaded hole to the left.

The upper edge of the marking should be toward the cutting edges and on the outside of the tool. In the case of End Cut and End Nut Splitter Straps, the scalloped edge of the strap should be toward the cutting edges.

Cover the inner face of the strap with heavy lubricating oil (S.A.E. 40 or 50).

Then place the left jaw (see panel marking) over the right threaded hole and the right jaw (see panel marking) over the left threaded hole.

If the cutter head is of the End Cut or End Nut Splitter Type, place the forked throat spring between the jaws just above the upper edge of the bottom strap.

Match the equalizing gear teeth so that the jaw noses are even when the cutting edges meet. In the case of the Allen-Randall Cutter head, place the equalizing pin between the circular notches in the jaws.

Oil the inner face of the top strap liberally and place it over the jaws.

Insert the left thread jaw bolt in the right hole and the right thread jaw bolt in the left hole and make them both up snugly.

To hold the cutting edges in line the straps must clamp the jaws firmly. The bolts should be so tight that the jaw tails can just be moved by the grip of two hands together.

Then adjust the bolt heads just enough to enable the lock plate to register with the corners of the bolt head; place the throat spring (except in the case of End Cut and End Nut Splitter Heads, in which cases the throat spring is placed between the jaws) against the top edge of the top strap so that the center bulge of the spring is away from the strap edge and toward the cutting edges; then replace the lock plate with prongs down to hold the throat spring; and fasten the lock plate in place with the lock plate screw.

With the Compact Cutter Heads, no lock plate is used. Otherwise the above instructions apply in full.

To complete the assembly of the Compact Tool, adjust the power screw studs on the power screw so that the studs are equally spaced from the center groove. Space the jaw tails to match the studs. Insert the stud ends, as marked, and screw on the nuts firmly, then back each off one third of a turn for ease of operation. The special Dardelet Threads are self locking, and no lock nuts are needed.

Then slip the handle tails about the power screw groove and fasten the handle to the top strap by means of the two screws.

## REPAIR AND ADJUSTMENT OF HANDLES

Handles must be straight and joints made up firmly.

If handles are bent, they may be straightened by light blows.

Buffers are important for two reasons:—

To protect the knuckles

To protect the jaw edges from crossing and springing.

Rubber ages and buffers which have lost their springiness should be replaced immediately.

The handle center joint and the section-jaw joints should be kept well oiled and firmly drawn together by the bolts.

To adjust the bolts, bend down the lock washer ears, adjust the tension (the handle center bolt and the left side connecting bolt are right-thread; the right side connecting bolt is left-thread) and then bend up against each bolt head the lock washer ear which centers on a face of the hexagon. This prevents loosening or seizing of the bolt. Only Porter Tools have this important feature.

Tools for cutting live or "hot" wires are furnished with slip-on grips of pure gum rubber. These grips are not guaranteed to withstand any given voltage in use as we cannot control conditions after shipment, but we will replace without charge any which, when tested upon receipt, do not withstand 20,000 volts. Rubber deteriorates with age and is susceptible to damage by bruising. All insulated tools should be tested frequently to check the integrity of the insulation. Old or damaged rubber grips should be replaced immediately. Insulated tools should always be used with all available additional protection, such as leather and rubber glove sets, insulated platforms, wooden ladders, etc.

New grips are easily applied to handles. Make a heavy suds of water and soap and apply it to both tool handle and inside of grip. Grip may then be forced onto handle. Push the grip on. Don't try to pull it on to the handle end.

See Page 15 for Tools with Molded Insulation.

### Instructions for applying HKP Swivel Kit

Instructions for applying HKP Swivel Kit to make Standard Rigid No. 0, No. 1 or No. 2 Tool into swivel type are packed with the Kit.

## PORTER PRUNERS

When necessary the cutting edges may be re-dressed with a fine half round file (8" smooth cut is best) or a carborundum slip stone. Be sure to preserve the original bevel angles and the height of the cutting edges from the inner faces of the blades. THE SIZE OF THE SMALL INNER BEVELS IS IMPORTANT AND SHOULD BE MAINTAINED.

The tension of the blade pivot bolt should be sufficient to ensure good wiping action between the blades. The blade pivot bolt is "free floating" and is provided with a locking washer to prevent loosening or seizing. To change the adjustment, bend down the lock washer ear, adjust the nut (it is necessary to hold the bolt head from turning) to secure the proper "wipe" and then lock the nut bending up that ear of the lock washer which centers on a face of the hexagon. There are 30 locking positions for one turn of the nut, so a very fine adjustment may be made.

Keep all joints well oiled.

To replace a blade center bolt, pass the new bolt through the hook blade, then through the straight blade, then place over it the tempered keyed washer with round outer form, then add the keyed lock washer with outer lugs, then add the nut and adjust the tension and lock the nut as previously described.

The Porter Forester and Porter Pointcut Pruners have "power-shift" handles. To replace a spring assembly remove the power-slot-bolt nut, and the old spring and spring ear. Hook the eye of the spring over the spring stud on the handle, then place the spring ear over the power-slot-bolt end and replace the nut. As you tighten the nut, center the shoulder of the nut in the spring ear so the ear may swivel freely after the nut is tightened. Then head over the end of the power-slot-bolt to prevent loosening of the nut.







**H. K. PORTER, INC.**  
**EVERETT, MASS., U.S.A.**